

## New Generation CCTV/CATV Plenum Coaxial Cables

BELDEN

## SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC) or copper-covered steel (CCS)
2. INSULATION: Foam FEP
3. JACKET: Natural Flam arrest or fluorocopolymer where required. Sequential footage marked
4. TEMPERATURE: 75°C Flam arrest jackets, 125°C fluorocopolymer jacket



## FEATURES

- B633938, B6439C8, B6439Q8-U1000 and B6139B8: CATV or MATV applications
- B613948, B6139B8 have white fluorocopolymer jackets; all others have natural Flam arrest jackets

Anixter No.	Vendor No.	Description	Nom. Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
<b>B6539Y8</b>	6539Y8 8771000	RG-62 A/U	13.5	84%	22	0.146	95% BC Braid	0.015	0.204	33	CMP
<b>B643948</b>	643948 8771000	RG-59/U CCTV	16.1	83%	20	0.135	95% BC Braid	0.015	0.193	32	CMP
<b>B6439Q8-U1000</b>	6439Q8 877U1000	RG-59/U CATV Quad	16.3	84%	20	0.135	Quad	0.015	0.230	34	CMP, CATV
<b>B633938</b>	633938 8771000	RG-6/U CATV/MATV	16.3	83%	18	0.170	Foil + 90% AL Braid	0.015	0.233	29	CMP, CATVP
<b>B633948</b>	633948 8771000	RG-6/U CCTV	16.3	83%	18	0.170	95% BC Braid	0.015	0.228	42	CMP
<b>B6339Q8-U1000</b>	6339Q8 877U1000	RG-6/U CATV Quad	16.3	83%	18 Solid BC	0.170	Quad	0.015	0.248	34	CMP, CATV
<b>B613948-1000</b>	613948 0091000	RG-11/U CCTV	16.1	84%	14 Solid BC	0.274	95% BC	0.023	0.348	90	CMP
<b>B6139B8</b>	6139B8 0091000	RG-11/U CATV/MATV	16.1	84%	14	0.274	Foil + 60% AL Braid	0.020	0.348	66	CMP, CATVP

CCS (copper-covered steel) center conductors should only be used for broadband applications like CATV/satellite, not for baseband video applications like CCTV/security surveillance. Passing plenum requirements has as much to do with the mass of material, not only the type. This is why larger constructions have fluorocopolymer jackets.

## New Generation CCTV/CATV Nonplenum Coaxial Cables

BELDEN

## SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC) or copper-covered steel (CCS)
2. INSULATION: Foam PE
3. JACKET: PVC. Sequential footage marked
4. TEMPERATURE: 75°C
5. NEC RATING: CM. 543945 and 533945 are also rated CMG (FT4)



## FEATURES

- B5339Q5 and B5339B5: CATV or MATV applications

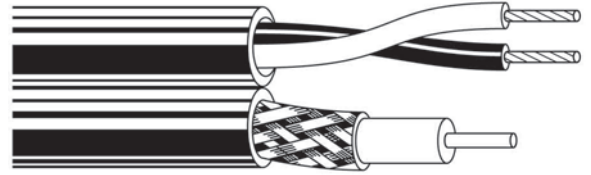
Anixter No.	Vendor No.	Description	Nom. Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
<b>B551945</b>	551945 0101000	RG-59/U	17.3	78%	22	0.140	95% BC Braid	0.035	0.232	30	CM
<b>B543945</b>	543945 0101000	RG-59/U	16.3	83%	20	0.145	95% BC Braid	0.032	0.232	31	CMG
<b>B5339B5</b>	5339B5 0101000	RG-6/U	16.3	83%	18	0.180	Foil + 60% AL Braid	0.027	0.266	29	CM
<b>B5339Q5</b>	5339Q5 0101000	RG-6/U	16.3	83%	18	0.180	Quad	0.028	0.298	34	CM
<b>B533945</b>	533945 0101000	RG-6/U	16.3	83%	18	0.180	95% BC Braid	0.032	0.266	41	CM
<b>B513945</b>	513945 010500	RG-11/U	16.1	84%	14	0.280	95% BC Braid	0.048	0.405	98	CM

## CCTV Plenum Siamese Coaxial Cables

BELDEN

## SPECIFICATIONS

1. For B649948-1000:
2. CONDUCTOR: One RG-59/U coax plus 2/C 18 AWG stranded cable; all plenum-rated
3. INSULATION: Foam FEP (coax)/Flamarrest (power pair)
4. JACKETS: Natural Flamarrest
5. TEMPERATURE: 75°C
6. For B639948-1000:
7. CONDUCTOR: One solid RG-6/U coax and stranded (1-pair cable, 18 AWG)
8. INSULATION: Foam FEP (coax)/Flamarrest (power pair)
9. JACKET: Natural Flamarrest
10. TEMPERATURE: 75°C



Anixter No.	Vendor No.	Description	Nom. Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
<b>B649948-1000</b>	649948 8771000	RG-59/U + 2C 18	75	16.3	83%	20 Solid BC	FFEP 0.135	95% BC	0.199 x 0.383	CM
<b>B639948-1000</b>	639948 8771000	RG-6/U + 2C 18	75	16.1	84%	18 Solid BC	FFEP 0.170	95% BC	0.232 x 0.416	CM

## CCTV Siamese Coaxial Cables

BELDEN

## SPECIFICATIONS

1. For B549945:
2. CONDUCTOR: One RG-59/U coax plus 2/C 18 AWG stranded cable: siamese
3. INSULATION: Foam FPO (coax)/PVC or PP (power pair)
4. JACKET: PVC
5. TEMPERATURE: 75°C
6. For B539945:
7. CONDUCTOR: One solid RG-6U coax plus 2/C 18 AWG stranded cable: siamese
8. INSULATION: Foam FPO (coax)/PVC or PP (power pair)
9. JACKET: PVC
10. TEMPERATURE: 75°C



Anixter No.	Vendor No.	Description	Nom. Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
<b>B549945</b>	549945 0101000	Composite coax: RG-59/U 20 AWG solid bare copper conductor, foam polyethylene polyolefin insulation, bare copper braid shield, black PVC jacket. Pair: AWG 18/7 bare copper conductors, PVC insulation, black PVC jacket	75	16.3	83%	20 Solid BC	0.145	95% BC	0.232 x 0.460	49	CMG
<b>B539945</b>	539945 0091000	Composite coax: RG-6/U 18 AWG solid bare copper conductor, foam polyethylene polyolefin insulation, bare copper braid shield, black PVC jacket. Pair: AWG 18/7 bare copper conductors, PVC insulation, black PVC jacket	75	16.3	83%	18 Solid BC	0.180	95% BC	0.232 x 0.485	53	CM

## 10GX Cables - Category 6A

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In order to propose a true 10G solution, two major technical challenges must be totally mastered: the reduction of alien crosstalk and the control of high-frequency performance to a minimum of 500 MHz. The Belden IBDN System 10GX is a revolutionary solution based upon three patented enabling technologies including two for bonded-pair cable and one for the X-web design.

- A patent-pending IDC design and patch panel circuit layout called MatriX IDC technology is utilized to substantially eliminate the issue of alien crosstalk between the system's modules and allows for higher density in the patch panels (up to 48 port in a 1U panel).
- A patent-pending FlexPoint PCB (printed circuit board) is used within the module housing to position the compensation circuitry directly at the plug's point of contact. Instant compensation delivers guaranteed crosstalk performance to 625 MHz.
- The X-Bar is a control device that enables the accurate positioning of each twisted pair before the pair is terminated on the 10GX Module's IDC pins.
- The Belden IBDN System 10GX completely masters the challenges of 10-Gigabit transmission, delivering guaranteed performance to 625 MHz. Also available in a LSZH version.

## SPECIFICATIONS

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): UTP CMR 0.295, CMP 0.295, F/UTP CMR 0.300, CMP 0.295
4. Approximate weight (lb./MF): UTP CMR 38.0, CMP 40.0, F/UTP CMR 39.0, CMP 46.0
5. CMP - FEP insulation, FRPVC jacket
6. CMR - PO insulation, PVC jacket
7. X Spline center member
8. Rip cord

## Technical Information &amp; Standards

ANSI/TIA Category 6A-compliant  
UL Listed and Verified

## 10GX CMP CABLE, NONBONDED - PAIRS

Anixter No.	Vendor No.	Description
<b>CMP-00424CDT-10-01</b>	10GX13 0091000	White
<b>CMP-00424CDT-10-06</b>	10GX13 D151000	Blue

## 10GX CMR CABLE, NONBONDED - PAIRS

Anixter No.	Vendor No.	Description
<b>CM-00424CDT-10-01</b>	10GX12 0091000	White
<b>CM-00424CDT-10-06</b>	10GX12 0061000	Blue

## 10GX CMP CABLE, BONDED - PAIRS

Anixter No.	Vendor No.	Description
<b>CMP-00424BNT-10-01</b>	10GX33 0091000	White
<b>CMP-00424BNT-10-06</b>	10GX33 D151000	Blue

## 10GX CMR CABLE, BONDED - PAIRS

Anixter No.	Vendor No.	Description
<b>CM-00424BNT-10-01</b>	10GX32 0091000	White
<b>CM-00424BNT-10-06</b>	10GX32 0061000	Blue

## 10GX CMP F/UTP CABLE, BONDED - PAIRS

Anixter No.	Vendor No.	Description
<b>CMP-00424BNT-F10-01</b>	10GX63F 0091000	White
<b>CMP-00424BNT-F10-06</b>	10GX63F D151000	Blue

## 10GX CMR F/UTP CABLE, BONDED - PAIRS

Anixter No.	Vendor No.	Description
<b>CM-00424BNT-F10-01</b>	10GX62F 0091000	White
<b>CM-00424BNT-F10-06</b>	10GX62F 0061000	Blue

## DataTwist 2400 Nonbonded-Pair Cables - Category 6+

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DataTwist 2400 is a state-of-the-art UTP cable engineered specifically to perform to Category 6 requirements. DataTwist 2400 is a nonbonded-pair cable, available in plenum and nonplenum versions with guaranteed performance to 300 MHz and suitable for high-bandwidth networks, security and access control. Available in other colors, in A1000 Spool-in-Box, U1000 UnReel packaging and LSZH version.

## SPECIFICATIONS

1. 23 AWG, 4-pair UTP
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.214, CMP 0.210
4. Approximate weight (lb./MF): CMR 26, CMP 28
5. CMR - PO insulation, CMP - Dual-Insulation Dielectric (DID) FRPO/FEP
6. CMR - PVC jacket, CMP - Flamarrest jacket
7. Rip cord

## Technical Information &amp; Standards

ANSI/TIA Category 6-compliant  
UL Listed and Verified

## 2413 PLENUM

NOTE: Add "RB" after -7 for a spool-in-a-box put-up

Anixter No.	Vendor No.	Description
<b>CMP-00424IBDN-7-01</b>	2413 0091000	White
<b>CMP-00424IBDN-7-05</b>	2413 0041000	Yellow
<b>CMP-00424IBDN-7-06</b>	2413 D151000	Blue
<b>CMP-00424IBDN-7-08</b>	2413 0031000	Orange
<b>CMP-00424IBDN-7-09</b>	2413 0081000	Gray

## 2412 NONPLENUM

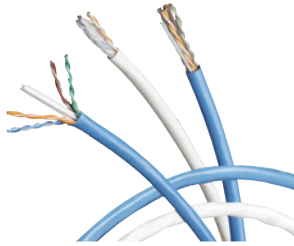
NOTE: Add "RB" after -7 for a spool-in-a-box put-up

Anixter No.	Vendor No.	Description
<b>CM-00424IBDN-7-01</b>	2412 0091000	White
<b>CM-00424IBDN-7-06</b>	2412 0061000	Blue

## Belden

## DataTwist 3600 Nonbonded-Pair Cables - Category 6 Enhanced

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DataTwist 3600 strikes a perfect balance between price and performance. These products deliver PSNEXT and PSACR that are better than what industry standards require. DataTwist 3600 is available in both bonded-pair and nonbonded-pair, plenum and nonplenum versions with guaranteed performance to 350 MHz and are characterized to 650 MHz. DataTwist 3600 products are all suitable for high-bandwidth applications like Gigabit Ethernet, 622 Mbps ATM, 155 Mbps ATM, Fast Ethernet (100BASE-TX). Available in other colors, in A1000 Spool-in-Box packaging and LSZH version.

**SPECIFICATIONS**

1. 23 AWG, 4-pair UTP
2. Solid bare copper conductors
3. Nominal O.D.: CMR 0.235 in./5.97 mm, CMP 0.230 in./5.84 mm
4. Approximate weight (lb./MF): CMR 27, CMP 32.0
5. CMR - PO insulation, CMP - Dual Insulation Dielectric (DID) FRPO/FEP
6. CMR - PVC jacket, CMP - LSPVC jacket
7. X-Spline center member
8. Rip cord

**Technical Information & Standards**

ANSI/TIA Category 6-compliant  
UL Listed and Verified

**PLENUM - DATATWIST 3613 NONBONDED-PAIR SERIES**

Type CMP - 1,000 ft./305 m spools

Anixter No.	Vendor No.	Description
<b>CMP-00423BNT-6RB-01</b>	3613 009A1000	White
<b>CMP-00423BNT-6RB-06</b>	3613 D15A1000	Blue

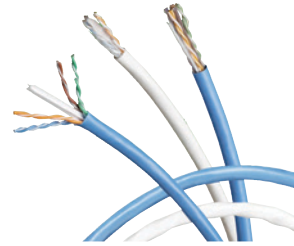
**NONPLENUM - DATATWIST 3612 NONBONDED-PAIR SERIES**

Type CMR - 1,000 ft./305 m spools

Anixter No.	Vendor No.	Description
<b>CMR-00423BNT-6RB-01</b>	3612 009A1000	White
<b>CMR-00423BNT-6RB-06</b>	3612 006A1000	Blue

## DataTwist 3600 Bonded-Pair Cables - Category 6 Enhanced

BELDEN



DataTwist 3600 strikes a perfect balance between price and performance. These products deliver PSNEXT and PSACR that are better than what industry standards require. DataTwist 3600 is available in both bonded-pair and nonbonded-pair, plenum and nonplenum versions with guaranteed performance to 350 MHz and are characterized to 650 MHz. DataTwist 3600 products are all suitable for high-bandwidth applications like Gigabit Ethernet, 622 Mbps ATM, 155 Mbps ATM, Fast Ethernet (100BASE-TX). Additional RL and balance performance makes DataTwist 3600 Bonded-Pair perfect for data centers, high-frequency and high-noise environments and any mission-critical installation. Available in other colors, packaging and LSZH version.

**SPECIFICATIONS**

1. 23 AWG, 4-pair UTP
2. Solid bare copper conductors
3. Nominal O.D.: CMR 0.235 in./5.97 mm, CMP 0.230 in./5.84 mm
4. Approximate weight (lb./MF): CMR 28, CMP 30.0
5. CMR - PO insulation, CMP - FEP insulation
6. CMR - PVC jacket, CMP - LSPVC jacket
7. X-Spline center member
8. Rip cord

**Technical Information & Standards**

ANSI/TIA Category 6-compliant  
UL Listed and Verified

**PLENUM - DATATWIST 3633 BONDED-PAIR SERIES**

Anixter No.	Vendor No.	Description
<b>CMP-00423BNTB-6RB-01</b>	3633 009A1000	White
<b>CMP-00423BNTB-6RB-06</b>	3633 D15A1000	Blue

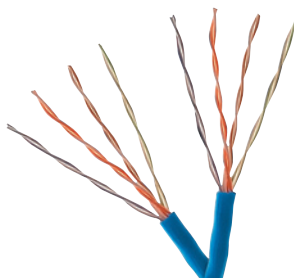
**NONPLENUM - DATATWIST 3632 BONDED-PAIR SERIES**

Anixter No.	Vendor No.	Description
<b>CMR-00423BNTB-6RB-01</b>	3632 009A1000	White
<b>CMR-00423BNTB-6RB-06</b>	3632 006A1000	Blue



## DataTwist 5e Nonbonded-Pair Cables - Category 5e

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Providing the ultimate option in networking needs for security, access control, Ethernet, Token Ring, or TP-PMD (Twisted Pair-Physical Media Dependent) applications, Belden DataTwist 5e cables are available in plenum and nonplenum versions and several color and packaging options to ease installation, handling and identification. Made to the highest-quality standards in the industry, DataTwist 5e Cables support all applications that operate using Category 5e standards.

## SPECIFICATIONS

1. 24 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CM - 0.214, CMP - 0.204
4. Approximate weight (lb./MF): CM 24, CMP 28
5. CM - PO insulation, CMP - Dual-Insulation Dielectric (DID) FRPO/FEP
6. CM - PVC jacket, CMP - Flamarrest jacket

## Technical Information &amp; Standards

ANSI/TIA Category 5e-compliant

UL Listed and Verified NEC

CM - nonplenum, CMP plenum

## 1585A PLENUM

NOTE: Add "U" after -5 for UnReel box (e.g. CMP-00424BEL-5U-06).

Anixter No.	Vendor No.	Description
<a href="#">CMP-00424BEL-5</a>	1585A 8771000	Natural, reel
<a href="#">CMP-00424BEL-5-01</a>	1585A 0091000	White, reel
<a href="#">CMP-00424BEL-5-03</a>	1585A 0021000	Red, reel
<a href="#">CMP-00424BEL-5-04</a>	1585A 0051000	Green, reel
<a href="#">CMP-00424BEL-5-05</a>	1585A 0041000	Yellow, reel
<a href="#">CMP-00424BEL-5-06</a>	1585A D151000	Blue, reel
<a href="#">CMP-00424BEL-5-08</a>	1585A 0031000	Orange, reel
<a href="#">CMP-00424BEL-5-09</a>	1585A 0081000	Gray, reel
<a href="#">CMP-00424BEL-5-12</a>	1585A 0121000	Pink, reel
<a href="#">CMP-00424BEL-5-12N</a>	1585B T301000	Neon pink, reel

## 1583A NONPLENUM

NOTE: Add "U" after -5 for UnReel box (e.g. CM-00424BEL-5U-01).

Anixter No.	Vendor No.	Description
<a href="#">CM-00424BEL-5-01</a>	1583A 0091000	White, reel
<a href="#">CM-00424BEL-5-03</a>	1583A 0021000	Red, reel
<a href="#">CM-00424BEL-5-04</a>	1583A 0051000	Green, reel
<a href="#">CM-00424BEL-5-05</a>	1583A 0041000	Yellow, reel
<a href="#">CM-00424BEL-5-06</a>	1583A 0061000	Blue, reel
<a href="#">CM-00424BEL-5-08</a>	1583A 0031000	Orange, reel

## Anixter No.

[CM-00424BEL-5-09](#)[CM-00424BEL-5-12N](#)

## Vendor No.

1583A 0081000

1583B T301000

## Description

Gray, reel

Neon pink, reel

## 1594A NONPLENUM INDOOR/OUTDOOR

Category 5e nonplenum indoor/outdoor cable with PO insulation and UV-resistant PVC jacket.

## Anixter No.

[B1594A-U1000](#)

## Vendor No.

1594A 008U1000

## Description

Gray, UnReel

## DataTwist 350 Bonded-Pair Cables - Enhanced Category 5e

BELDEN



DataTwist 350 Series Category 5e cables are intended to be used in horizontal cable installations of high-speed LANs for transmission speeds up to 1.2 Gbps. DataTwist 350 is the bonded-pair cable that is to be used in the Belden IBDN System 1200 Solution. Additional RL and balance performance make DataTwist 350 Bonded-Pair perfect for data centers, high-frequency and high-noise environments and any mission-critical installation. Available in other colors and packaging.

## SPECIFICATIONS

1. 24 AWG, 4-pair UTP
2. Solid bare copper conductors
3. Nominal O.D.: CMR 0.200 in./5.08 mm, CMP 0.195 in./4.95 mm
4. Approximate weight (lb./MF): CMR 22, CMP 24
5. CMR - PO insulation, CMP FEP insulation
6. CMR - PVC jacket, CMP - LSPVC jacket

## Technical Information &amp; Standards

ANSI/TIA Category 5e-compliant

UL Listed and Verified

## PLENUM DATATWIST 350 BONDED-PAIR CABLES

Anixter No.	Vendor No.	Description
<a href="#">CMP-00424FAX-6B</a>	1701A 8771000	Natural
<a href="#">CMP-00424FAX-6B-03</a>	1701A 0021000	Red
<a href="#">CMP-00424FAX-6B-04</a>	1701A 0051000	Green
<a href="#">CMP-00424FAX-6B-05</a>	1701A 0041000	Yellow
<a href="#">CMP-00424FAX-6B-06</a>	1701A D151000	Blue
<a href="#">CMP-00424FAX-6B-08</a>	1701A 0031000	Orange
<a href="#">CMP-00424FAX-6B-09</a>	1701A 0081000	Gray
<a href="#">CMP-00424FAX-6B-10</a>	1701A B021000	Purple
<a href="#">CMP-00424FAX-6B-12</a>	1701A 0121000	Pink

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*(continued)* DataTwist 350 Bonded-Pair Cables - Enhanced Category 5e

## NONPLENUM DATATWIST 350 BONDED-PAIR CABLES

Anixter No.	Vendor No.	Description
CM-00424CAX-6B	1700A F2V1000	Gray
CM-00424CAX-6B-01	1700A 0091000	White
CM-00424CAX-6B-03	1700A 0021000	Red
CM-00424CAX-6B-04	1700A 0051000	Green
CM-00424CAX-6B-05	1700A 0041000	Yellow
CM-00424CAX-6B-06	1700A 0061000	Blue
CM-00424CAX-6B-08	1700A 0031000	Orange
CM-00424CAX-6B-12	1700A 0121000	Pink

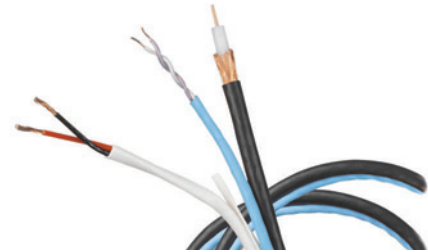
## New Generation PTZ-CCTV Banana Peel Plenum-rated Cables

## BELDEN

Three cable components adjoined using Belden's patented Banana Peel technology. One RG-59; one control cable (pan/tilt/zoom); and one pair for power (18 AWG).

## SPECIFICATIONS

1. Video: (1) RG-59, 95% braid coverage - black
2. Control: varies by code, see item descriptions - blue color
3. Power: varies by code, see item descriptions - white color
4. Insulation: Foam PTFE (Coax), FEP (Control), Flamarrest PVC (Power)
5. Jacket: Plenum-rated PVC (Flamarrest)



Anixter No.	Vendor No.	Description	Application	Shield Coverage	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B600PTZ	600PTZ 0001000	Banana Peel composite: 1 coax RG-59, 1 UTP 23 AWG, 2C 18 AWG	Video/Control/Power	95% Braid Shield Coax/ Unshielded 1-Pair	0.351	62	CMP
B601PTZ	601PTZ 0001000	Banana Peel composite: 1 coax RG-59, 1 STP 22 AWG, 2C 18 AWG	Video/Control/Power	95% AL/Polyester Unshielded	0.351	65	CMP
B602PTZ	602PTZ 0001000	Banana Peel composite: 1 coax RG-59, 1 STP 18 AWG, 2C 18 AWG	Video/Control/Power	95% AL/Polyester Unshielded	0.363	70	CMP

## New Generation PTZ-CCTV Banana Peel Riser-rated Cables

## BELDEN

Three cable components adjoined using Belden's patented Banana Peel technology.

One RG-59; one control cable (pan/tilt/zoom); and one pair for power (18 AWG).

## SPECIFICATIONS

1. Video: (1) RG-59, 95% braid coverage - black color
2. Control: varies by code, see item descriptions - blue color
3. Power: varies by code, see item descriptions - white color
4. Insulation: HDPE (Coax), Polyolefin (Control), PVC (Power)
5. Jacket: Riser-rated PVC



Anixter No.	Vendor No.	Description	Application	Shield Coverage	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B500PTZ	500PTZ 0001000	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 23 AWG unshielded, 2C 18 AWG unshielded. NEC, CMR, CEC, CMG FT4, SHAFT UL 1666	Video/Control/Power	95% Braid Shield Coax/ Unshielded 1-Pair	0.411	58	CMR/CMG

Anixter No.	Vendor No.	Description	Application	Shield Coverage	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
<b>B501PTZ</b>	501PTZ 0001000	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 22 AWG shielded and 2C 18 AWG unshielded. NEC, CMR, CEC, CMG FT4, SHAFT UL 1666	Video/Control/Power	95% AL/ Polyester Unshielded	0.419	71	CMR/CMG
<b>B502PTZ</b>	502PTZ 0001000	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 18 AWG shielded and 2C 18 AWG unshielded. NEC, CMR, CEC, CMG FT4, SHAFT UL 1666	Video/Control/Power	95% AL/ Polyester Unshielded	0.451	89	CMR/CMG

### New Generation UTP - CCTV Plenum-rated Cables

#### BELDEN

Two cable components adjoined in parallel zip fashion.

UTP for video over twisted pair, and for control; and one pair for power (16 AWG).

#### SPECIFICATIONS

1. COMPOSITE:
2. UTP - Varies by construction, see product details
3. 2-cond. 16 AWG stranded bare copper unshielded for power - white jacket color
4. INSULATION: Foam PTFE (Coax), FEP (Control), Flamarrest PVC (Power)
5. JACKET: Plenum-rated PVC (Flamarrest)



Anixter No.	Vendor No.	Conductor Size AWG	Application	Conductor Strand	No. of Conductors	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
<b>B6284US-9-1000</b>	6284US 0091000	2 PR x 24 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P + 2C	0.183 x 0.368	50
<b>B6288US</b>	6288US 0091000	4 PR x 23 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	4P + 2C	0.222 x 0.450	66
<b>B6284UE</b>	6284UE 0101000	2 PR x 23 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P + 2C	0.187	38

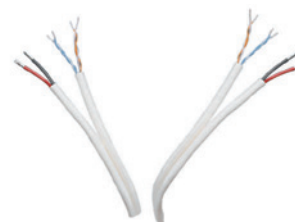
### New Generation UTP - CCTV Riser-rated Cables

#### BELDEN

Cables include two pairs Cat 5e UTP for video over UTP and for control; and two conductors 16 AWG for power. CMR-rated cables for CCTV transmission over UTP.

#### SPECIFICATIONS

1. COMPOSITE:
2. CONDUCTOR: Bare copper conductors 24 or 23 AWG for video/control; and 16 AWG for power
3. INSULATION: Riser-rated Polyolefin (UTP Cat 5e tested); Riser-rated PVC (Power pairs)
4. JACKET: Riser-rated PVC (Flamarrest)



Anixter No.	Vendor No.	Conductor Size AWG	Application	Conductor Strand	No. of Conductors	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
<b>B5284UE</b>	5284UE 0091000	2 PR x 23 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P + 2C	0.233	44
<b>B5284US-9-1000</b>	5284US 0091000	2 PR x 24 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P + 2C	0.190 x 0.408	45

## Belden

## KeyConnect 10GX Modular Jacks - Category 6A

BELDEN



In order to propose a true 10G solution, two major technical challenges must be totally mastered: the reduction of alien crosstalk and the control of high-frequency performance to a minimum of 500 MHz. The Belden IBDN System 10GX is a revolutionary solution based upon four patent-pending enabling technologies:

- The system's cable is based upon an innovative RoundFlex design that serves to reduce alien crosstalk by randomizing the distance between the cables.
- A patent-pending IDC design and patch panel circuit layout called MatriX IDC technology is utilized to substantially eliminate the issue of alien crosstalk between the system's modules.
- A patent-pending FlexPoint PCB (printed circuit board) is used within the module housing to position the compensation circuitry directly at the plug's point of contact. Instant compensation delivers guaranteed crosstalk performance to 625 MHz.
- The X-Bar is a control device that enables the accurate positioning of each UTP pair before the pair is terminated on the 10GX Module's IDC pins.

The Belden IBDN System 10GX completely masters the challenges of 10G transmission, delivering guaranteed performance to 625 MHz.

**Technical Information & Standards**

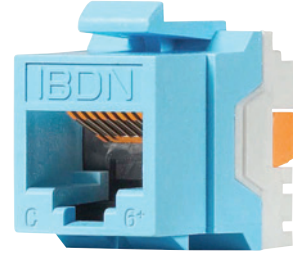
ANSI/TIA Category 6A-compliant

T568A/B

Anixter No.	Vendor No.	Description
371867	AX102280	Gray
371866	AX102281	Almond
370238	AX102282	White
370239	AX102283	Black
371868	AX102284	TIA 606 Orange
371869	AX102285	TIA 606 Red
371871	AX102286	Yellow
371872	AX102287	Green
371873	AX102288	Blue
371874	AX102289	TIA 606 Purple
371876	AX102290	TIA 606 Brown

## KeyConnect Cat 6+ Modular Jacks - Category 6

BELDEN



The KeyConnect Cat 6+ modular jack provides usable bandwidth of 300 MHz and guarantees headroom over Category 6 standards. The KeyConnect Cat 6+ modular jack can be used with the KeyConnect Patch Panels, faceplates, and various KeyConnect hardware. For the Termination Station, see Part No. AX101852. For the Connecting Tool, see Part No. AX100749.

**FEATURES**

- 8W8P
- T568A/B universally wired

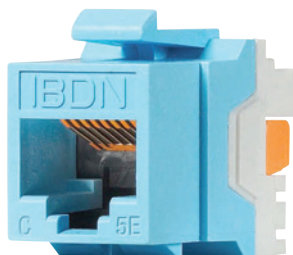
**Technical Information & Standards**

ANSI/TIA Category 6-compliant

Anixter No.	Vendor No.	Description
262104	AX101318	Gray
288804	AX101319	Almond
262105	AX101320	White
262106	AX101321	Black
408289	AX103078	Ivory
408290	AX104189	Orange
408292	AX104190	Red
408293	AX104191	Yellow
408294	AX104192	Green
408295	AX104193	Blue
408296	AX104194	Purple
264350	AX101322	TIA 606 Orange
371679	AX101323	TIA 606 Red
371706	AX101324	TIA 606 Yellow
246593	AX101325	TIA 606 Green
245704	AX101326	TIA 606 Blue
371709	AX101327	TIA 606 Purple

## KeyConnect Cat 5e Modular Jacks - Category 5e

BELDEN



The KeyConnect Cat 5e modular jack provides usable bandwidth of 160 MHz and guarantees headroom over Category 5e standards. The KeyConnect Cat 5e modular jack can be used with the KeyConnect Series Patch Panels, faceplates, and various KeyConnect hardware. For the Termination Station, see Part No. AX101852. For the connecting tool, see Part No. AX100749.

## FEATURES

- 8W8P
- T568A/B universally wired

## Technical Information &amp; Standards

ANSI/TIA Category 5e-compliant

Anixter No.	Vendor No.	Description
371671	AX101307	Gray
251851	AX101308	Almond
288801	AX101309	White
278532	AX101310	Black
408304	AX103079	Ivory
408305	AX104182	Orange
408306	AX104183	Red
408307	AX104184	Yellow
408308	AX104185	Green
408309	AX104186	Blue
408310	AX104187	Purple
288805	AX101311	TIA 606 Orange
371667	AX101312	TIA 606 Red
371669	AX101313	TIA 606 Yellow
288802	AX101314	TIA 606 Green
288803	AX101315	TIA 606 Blue
371670	AX101316	TIA 606 Purple

## KeyConnect Faceplates

BELDEN



Belden KeyConnect Faceplates are designed to accept the KeyConnect Cat 5e and Cat 6+ modular jacks. The KeyConnect plates are available in single-gang 1-, 2-, 4-, 6- or 12-port double-gang versions. They also have labeling capabilities using built-in labeling windows. The faceplates can be attached to standard electrical boxes or wall-mounting hardware for flush-mount installations.

## 1-PORT

Anixter No.	Vendor No.	Description
371949	AX103922	Almond
371950	AX102660	1-port with ID windows, single-gang, elec. white

## 2-PORT

Anixter No.	Vendor No.	Description
371951	AX103923	2-port with ID windows, single-gang, almond
371952	AX102655	2-port with ID windows, single-gang, elec. white

## 4-PORT

Anixter No.	Vendor No.	Description
371955	AX102248	4-port with ID windows, single-gang, almond
363887	AX102249	4-port with ID windows, single-gang, elec. white

## 6-PORT

Anixter No.	Vendor No.	Description
371957	AX102250	6-port with ID windows, single-gang, almond
363563	AX102251	6-port with ID windows, single-gang, elec. white

## 12-PORT

Anixter No.	Vendor No.	Description
371960	AX102256	12-port with ID windows, double-gang, almond
371961	AX102257	12-port with ID windows, double-gang, elec. white

## Belden

## Stainless Steel Faceplates

BELDEN



Belden Stainless Steel Faceplates are designed to accept the KeyConnect Cat 5e and Cat 6+ modular jacks, and are ideal for harsh environment-type applications. The stainless steel faceplates are available in single-gang 1-, 2-, 4- or 6-port standard versions, and the double-gang 12-port version is standard. A 1-port studded version designed to support a wall phone is also offered. Stainless steel faceplates can be attached to standard NEMA-type outlet boxes or wall-mounting hardware for flush-mount installation.

## SINGLE GANG - STAINLESS STEEL

Anixter No.	Vendor No.	Description
355797	AX102005	1-port for phone
371715	AX102006	1-port
371716	AX102007	2-port
371718	AX102009	4-port
371719	AX102010	6-port

## DOUBLE GANG - STAINLESS STEEL

Anixter No.	Vendor No.	Description
371722	AX102013	12-port

## 10GX Patch Panel - Category 6A

BELDEN



The 10GX Category 6A Patch Panel Series is a comprehensive line of robust all-metal, preloaded and modular patch panels. The series provides a flexible, versatile and high-density termination solution for data center and telecommunications room installations. Panels come with mounting screws, cable management brackets, Velcro ties and a white LabelFlex label sheet.

## FEATURES

- Available in a wide variety of preloaded and modular configurations for greater design flexibility and optimization of rack and cabinet installations
- Robust all-metal construction to allow for punch-down termination directly on the back of the panel
- Large front labeling space facilitating port identification
- LabelFlex laser printable white label sheet supplied with each panel
- Front and back port numbering to facilitate port location
- Rear cable management brackets to facilitate cable routing

## Technical Information &amp; Standards

ANSI/TIA Category 6A-compliant

## 10GX KEYCONNECT PATCH PANELS - PRELOADED

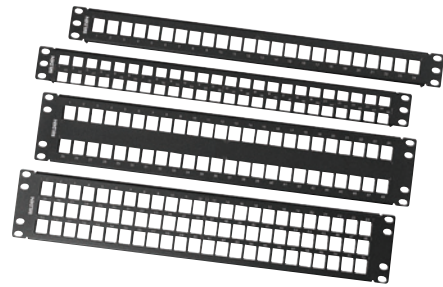
Anixter No.	Vendor No.	Description
371652	AX103254	24-port, 1U, titanium
371653	AX103256	48-port, 2U, titanium

## 10GX ULTRA-HIGH-DENSITY PATCH PANEL - PRELOADED

Anixter No.	Vendor No.	Description
371654	AX103264	48-port, 1U, titanium

## KeyConnect Cat 6+ Patch Panels - Category 6

BELDEN



The KeyConnect Cat 6+ Patch Panel Series is a comprehensive line of robust all-metal, preloaded and modular patch panels. The series provides a flexible, versatile and high-density termination solution for security, audio/video, access control, data center and telecommunications room installations.

## FEATURES

- Large front labeling space for port identification
- LabelFlex laser printable, white label sheet supplied in each panel
- Front and back port numbering
- Rear cable management brackets included
- Mounting screws included

## Technical Information &amp; Standards

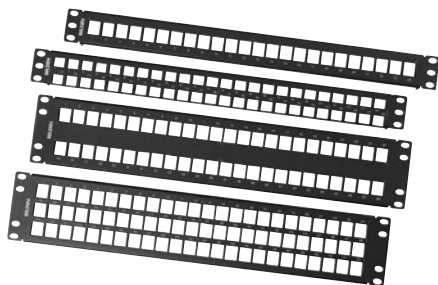
ANSI/TIA Category 6-compliant

Anixter No.	Vendor No.	Description
371650	AX103253	24-port, 1U loaded, black
371651	AX103255	48-port, 2U loaded, black



## KeyConnect Modular Patch Panels

BELDEN



The KeyConnect Modular Patch Panel Series is a comprehensive line of robust all-metal, modular patch panels. The series provides a flexible, versatile and high-density termination solution for security, audio/video, access control, data center and telecommunications room installations. These panels can be configured using any KeyConnect UTP or multimedia modules and jacks.

## FEATURES

- Large front labeling space for port identification
- LabelFlex laser printable, white label sheet supplied in each panel
- Front and back port numbering
- Rear cable management brackets included
- Mounting screws included

Anixter No.	Vendor No.	Description
371725	AX103114	24-port, 1U empty, black
371726	AX103115	48-port, 2U empty, black
371727	AX103116	72-port, 2U empty, black
371728	AX103121	48-port, 1U empty, black

## Bonded-pair 10GX Modular Cords - Category 6A

BELDEN



Based on Belden's patented Bonded-Pair cables, 10GX modular cords pass the stringent TIA Mechanical Stress Reliability Specifications and provide optimum electrical performance even in high-density installations which experience frequent handling stresses.

## Technical Information &amp; Standards

ANSI/TIA Category 6A-compliant

## 4 FOOT

Anixter No.	Vendor No.	Description
MM04-BNT10GC-06	CA21106004	Blue
MM04-BNT10GC-01	CA21109004	White
MM04-BNT10GC-09	CA21108004	Gray

## 7 FOOT

Anixter No.	Vendor No.	Description
MM07-BNT10GC-06	CA21106007	Blue
MM07-BNT10GC-01	CA21109007	White
MM07-BNT10GC-09	CA21108007	Gray

## 10 FOOT

Anixter No.	Vendor No.	Description
MM10-BNT10GC-06	CA21106010	Blue
MM10-BNT10GC-01	CA21109010	White
MM10-BNT10GC-09	CA21108010	Gray

## 15 FOOT

Anixter No.	Vendor No.	Description
MM15-BNT10GC-06	CA21106015	Blue
MM15-BNT10GC-01	CA21109015	White
MM15-BNT10GC-09	CA21108015	Gray

## 25 FOOT

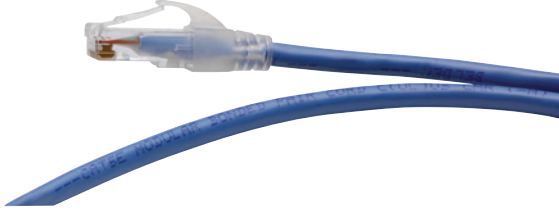
Anixter No.	Vendor No.	Description
MM25-BNT10GC-06	CA21106025	Blue
MM25-BNT10GC-01	CA21109025	White
MM25-BNT10GC-09	CA21108025	Gray

## Infrastructure

## Belden

## Bonded-pair Cat 6+ Modular Cords - Category 6

BELDEN



The Belden Cat 6+ modular cords are solid conductors utilizing Belden's Bonded-Pair technology which increases their flexibility and flex-life without damaging the signal integrity. The Belden patch cords come in 10 standard colors, six standard lengths, all with a clear boot. They are designed for multiple security and networking applications where high bandwidth is needed.

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

## 4 FOOT

Anixter No.	Vendor No.	Description
371926	C601106004	Blue
371938	C601109004	White
371932	C601108004	Gray

## 7 FOOT

Anixter No.	Vendor No.	Description
371927	C601106007	Blue
371939	C601109007	White
371933	C601108007	Gray

## 10 FOOT

Anixter No.	Vendor No.	Description
371928	C601106010	Blue
371940	C601109010	White
371934	C601108010	Gray

## 15 FOOT

Anixter No.	Vendor No.	Description
371929	C601106015	Blue
371941	C601109015	White
371935	C601108015	Gray

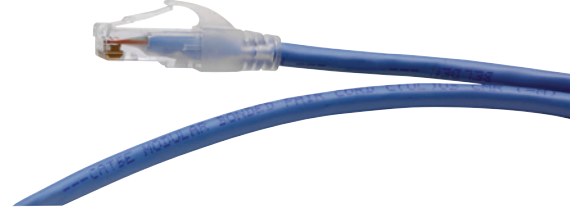
## 25 FOOT

Anixter No.	Vendor No.	Description
371930	C601106025	Blue
371942	C601109025	White
371936	C601108025	Gray

For other colors and lengths not listed, contact your local sales representative for part number information.

## Bonded-pair Cat 5e Modular Cords - Category 5e

BELDEN



The Belden Cat 5e modular cords are solid conductors utilizing Belden's Bonded-Pair technology which increases their flexibility and flex-life without damaging the signal integrity. The Belden patch cords come in 10 standard colors, six standard lengths, all with a clear boot. They are designed for multiple security and networking applications where high bandwidth is needed.

**Technical Information & Standards**

ANSI/TIA Category 5e-compliant

## 4 FOOT

Anixter No.	Vendor No.	Description
371890	C501106004	Blue
371902	C501109004	White
371896	C501108004	Gray

## 7 FOOT

Anixter No.	Vendor No.	Description
371891	C501106007	Blue
371903	C501109007	White
371897	C501108007	Gray

## 10 FOOT

Anixter No.	Vendor No.	Description
371892	C501106010	Blue
371904	C501109010	White
371898	C501108010	Gray

## 15 FOOT

Anixter No.	Vendor No.	Description
371893	C501106015	Blue
371905	C501109015	White
371899	C501108015	Gray

## 25 FOOT

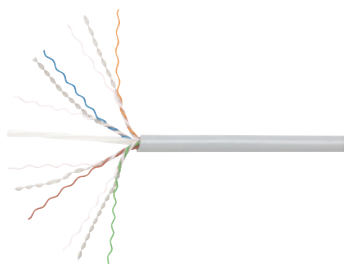
Anixter No.	Vendor No.	Description
371894	C501106025	Blue
371906	C501109025	White
371900	C501108025	Gray

For other colors and lengths not listed, contact your local sales representative for part number information.

# CommScope SYSTIMAX Solutions Copper

## SYSTIMAX 360 GigaSPEED X10D 91 Series Cables - Category 6A

COMMSCOPE SYSTIMAX SOLUTIONS



CommScope introduces the redesigned SYSTIMAX GigaSPEED 360 X10D 91A and B Series U/UTP cables. The diameter of the 91 Series cables has been reduced, making it the smallest Category 6A solution on the market. Using SYSTIMAX's innovative Optimized Material Technology (OMT) platform not only reduces the cable's core, but optimizes transmission performance, giving network managers increased rack space and airflow without succumbing to alien crosstalk.

### SPECIFICATIONS

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.) is 0.285
4. Approximately 37.30 lb./1,000 ft.
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. Polyolefin insulation

### FEATURES

- OMT resolves NEXT and ELFEXT issues required for accurate transmission using all four pairs
- Nonplenum, plenum and low smoke zero halogen constructions
- Electrical performance guaranteed to meet or exceed the channel specifications of Amendment 1 to ISO/IEC 1180:2001 Class EA, and ANSI/TIA-568-C.2-adj10 Category 6A up to 500 MHz when used as part of a GigaSPEED X10D U/UTP Channel in registered SYSTIMAX installations
- IEC Certified - 3091 LSZH-rated IEC 60332-3
- Can support network line speeds up to 10 Gigabits per second
- Qualifies for the SYSTIMAX 20-Year Extended Product Warranty and Applications Assurance when included as part of a registered SYSTIMAX GigaSPEED X10D channel

### Technical Information & Standards

ETL Listed - 1091 Riser-rated CMR and CMG - 2091 Plenum-rated CMP

SYSTIMAX Approved

ANSI/TIA Category 6A-compliant

#### 2091B PLENUM CABLE WE TOTE BOX

Anixter No.	Jacket Color	Material ID
<a href="#">CMP-00424X10D-10BU01</a>	White	760107268
<a href="#">CMP-00424X10D-10BU03</a>	Red	760107243
<a href="#">CMP-00424X10D-10BU04</a>	Green	760107219
<a href="#">CMP-00424X10D-10BU05</a>	Yellow	760107276
<a href="#">CMP-00424X10D-10BU06</a>	Blue	760107201
<a href="#">CMP-00424X10D-10BU08</a>	Orange	760107227
<a href="#">CMP-00424X10D-10BU09</a>	Slate (gray)	760107250

#### 2091B PLENUM CABLE 1,000 FT. REEL

Anixter No.	Jacket Color	Material ID
<a href="#">CMP-00424X10D-10B-01</a>	White	760105940
<a href="#">CMP-00424X10D-10B-03</a>	Red	760105924
<a href="#">CMP-00424X10D-10B-04</a>	Green	760105890
<a href="#">CMP-00424X10D-10B-05</a>	Yellow	760105957
<a href="#">CMP-00424X10D-10B-06</a>	Blue	760105338
<a href="#">CMP-00424X10D-10B-08</a>	Orange	760105908
<a href="#">CMP-00424X10D-10B-09</a>	Slate (gray)	760105932

#### 2091B PLENUM CABLE 3,000 FT. REEL

Anixter No.	Jacket Color	Material ID
<a href="#">CMP-00424X10D-10BR01</a>	White	760105973
<a href="#">CMP-00424X10D-10BR06</a>	Blue	760105965
<a href="#">CMP-00424X10D-10BR09</a>	Slate (gray)	760105981

#### 1091B NONPLENUM CABLE WE TOTE BOX

Anixter No.	Jacket Color	Material ID
<a href="#">CM-00424X10D-10BU-01</a>	White	760107144
<a href="#">CM-00424X10D-10BU-02</a>	Black	760107086
<a href="#">CM-00424X10D-10BU-03</a>	Red	760107136
<a href="#">CM-00424X10D-10BU-04</a>	Green	760107110
<a href="#">CM-00424X10D-10BU-05</a>	Yellow	760107151
<a href="#">CM-00424X10D-10BU-06</a>	Blue	760107094
<a href="#">CM-00424X10D-10BU06L</a>	Light blue	760107102
<a href="#">CM-00424X10D-10BU-08</a>	Orange	760107128
<a href="#">CM-00424X10D-10BU-09</a>	Slate (gray)	760107078

#### 1091B NONPLENUM CABLE 1,000 FT. REEL

Anixter No.	Jacket Color	Material ID
<a href="#">CM-00424X10D-10B-01</a>	White	760105817
<a href="#">CM-00424X10D-10B-02</a>	Black	760105742
<a href="#">CM-00424X10D-10B-03</a>	Red	760105791
<a href="#">CM-00424X10D-10B-04</a>	Green	760105775
<a href="#">CM-00424X10D-10B-05</a>	Yellow	760105825
<a href="#">CM-00424X10D-10B-06</a>	Blue	760105759
<a href="#">CM-00424X10D-10B-06L</a>	Light blue	760105767
<a href="#">CM-00424X10D-10B-08</a>	Orange	760105783
<a href="#">CM-00424X10D-10B-09</a>	Slate (gray)	760105114

#### 1091B NONPLENUM CABLE 3,000 FT. REEL

Anixter No.	Jacket Color	Material ID
<a href="#">CM-00424X10D-10BR-01</a>	White	760105841
<a href="#">CM-00424X10D-10BR-06</a>	Blue	760105833
<a href="#">CM-00424X10D-10BR-09</a>	Slate (gray)	760105858

#### 3091B LOW SMOKE ZERO HALOGEN CABLE WE TOTE BOX

Anixter No.	Jacket Color	Material ID
<a href="#">CMZ-00424X10D-10BU01</a>	White	760107318
<a href="#">CMZ-00424X10D-10BU06</a>	Blue	760107326
<a href="#">CMZ-00424X10D-10BU09</a>	Slate (gray)	760107334

Continued on next page >>

# CommScope SYSTIMAX Solutions Copper

(continued) SYSTIMAX 360 GigaSPEED X10D 91 Series  
Cables - Category 6A

3091B LOW SMOKE ZERO HALOGEN CABLE 1,000 FT. REEL

Anixter No.	Jacket Color	Material ID
CMZ-00424X10D-10B-01	White	760105122
CMZ-00424X10D-10B-06	Blue	760106039
CMZ-00424X10D-10B-09	Slate (gray)	760106047

3091B LOW SMOKE ZERO HALOGEN CABLE 3,000 FT. REEL

Anixter No.	Jacket Color	Material ID
CMZ-00424X10D-10BR01	White	760106054
CMZ-00424X10D-10BR06	Blue	760106062
CMZ-00424X10D-10BR09	Slate (gray)	760106070

5091A LOW SMOKE ZERO HALOGEN 1,000 FT. REEL

Anixter No.	Jacket Color	Material ID
CMZ-00423COMC10GU-01	White	760151936
CMZ-00423COMC10GU-06	Blue	760151928
CMZ-00423COMC10GU-09	Slate (gray)	760151944

## 2071E GigaSPEED XL7 Plenum Cables - Category 6

COMMSCOPE SYSTIMAX SOLUTIONS



The 2071E GigaSPEED XL 4-pair Cables are designed to support high-bandwidth applications, including the IEEE 802.3ab 1000BASE-T (Gigabit Ethernet), ANSI/TIA 1000BASE-TX, 1.2 Gbps ATM and any future applications designed for Category 6/Class E cabling, as well as analog broadband video up to 550 MHz.

The precision manufacturing process and design of the 2071E GigaSPEED XL7 4-pair Cables maximize performance and significantly reduces signal emissions and susceptibility to external noise. The 2071E GigaSPEED XL7 Cable features a patent-pending thin and easy-to-remove bisector tape. This delivers the performance benefits of more traditional fluted center members without the associated stiffness and size.

### SPECIFICATIONS

1. 23 AWG, 4-pair
2. Solid bare-copper conductors
3. Nominal O.D. (in.) is 0.231
4. Approximately 30.2 lb./1,000 ft.
5. FEP/Polyolefin insulation
6. FRPVC jacket

### Technical Information & Standards

UL Listed type CMP  
SYSTIMAX approved  
ANSI/TIA Category 6-compliant

1,000 FT. REELS

Anixter No.	Jacket Color	Material ID
CMZ-00424AVA-7	White	700210032

Anixter No.

CMZ-00424AVA-7-02  
CMZ-00424AVA-7-03  
CMZ-00424AVA-7-04  
CMZ-00424AVA-7-05  
CMZ-00424AVA-7-06  
CMZ-00424AVA-7-08  
CMZ-00424AVA-7-09  
CMZ-00424AVA-7-10  
CMZ-00424AVA-7-12

Jacket Color

Black  
Red  
Spring green  
Yellow  
Blue  
Orange  
Slate  
Lilac  
Pink

Material ID

700210222  
700210248  
700210156  
700210131  
700210081  
700210008  
700210198  
700210206  
760038554

1,000 FT. WE TOTES

Anixter No.

CMZ-00424AVA-7U  
CMZ-00424AVA-7U-02  
CMZ-00424AVA-7U-03  
CMZ-00424AVA-7U-04  
CMZ-00424AVA-7U-05  
CMZ-00424AVA-7U-06  
CMZ-00424AVA-7U-08  
CMZ-00424AVA-7U-09  
CMZ-00424AVA-7U-10  
CMZ-00424AVA-7U-12

Jacket Color

White  
Black  
Red  
Spring green  
Yellow  
Blue  
Orange  
Slate  
Lilac  
Pink

Material ID

700208101  
700210230  
700210263  
700210164  
700210123  
700208093  
700210024  
700214372  
700210214  
760011841

3,000 FT. REELS

Anixter No.

CMZ-00424AVA-7R-06  
CMZ-00424AVA-7R-03  
CMZ-00424AVA-7R  
CMZ-00424AVA-7R-04  
CMZ-00424AVA-7R-10  
CMZ-00424AVA-7R-09  
CMZ-00424AVA-7R-05

Jacket Color

Blue  
Red  
White  
Spring green  
Lilac  
Slate  
Yellow

Material ID

700210099  
760043158  
700210057  
760021204  
760021212  
760005652  
760047555

## 1071E GigaSPEED XL7 Nonplenum Cables - Category 6

COMMSCOPE SYSTIMAX SOLUTIONS



1071E GigaSPEED XL7 4-pair Cables are designed to support high-bandwidth applications, including the IEEE 802.3ab 1000BASE-T (Gigabit Ethernet), ANSI/TIA 1000BASE-TX, 1.2 Gbps ATM and any future applications designed for Category 6/Class E cabling, as well as analog broadband video up to 550 MHz. The 1071E GigaSPEED XL Cable features a patent-pending thin and easy-to-remove bisector tape. This delivers the performance benefits of more traditional fluted center members without the associated thickness and size.

### SPECIFICATIONS

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.) is 0.232
4. Approximately 25.6 lb./1,000 ft.

# CommScope SYSTIMAX Solutions Copper

5. Polyolefin insulation

6. PVC jacket

## Technical Information & Standards

UL Listed type CM/CMR

SYSTIMAX approved

ANSI/TIA Category 6-compliant

1,000 FT. REELS

Anixter No.

CM-00424AVA-7

CM-00424AVA-7-00

CM-00424AVA-7-03

CM-00424AVA-7-04

CM-00424AVA-7-05

CM-00424AVA-7-06

CM-00424AVA-7-08

CM-00424AVA-7-10

CMZ-00423COM-C6-01

CMZ-00423COM-C6-06

CMZ-00423COM-C6-09

Jacket Color

Slate (gray)

White

Red

Green

Yellow

Light blue

Orange

Lilac

White

Blue

Slate (gray)

Material ID

700211923

700214208

700212012

700212053

700211980

700211956

700212111

7002212087

760151902

760151894

760151910

1,000 FT. WE TOTES

Anixter No.

CM-00424AVA-7U

CM-00424AVA-7U-00

CM-00424AVA-7U-02

CM-00424AVA-7U-03

CM-00424AVA-7U-04

CM-00424AVA-7U-05

CM-00424AVA-7U-06

CM-00424AVA-7U-DB

CM-00424AVA-7U-08

CM-00424AVA-7U-10

CM-00424AVA-7U-12

Jacket Color

Slate (gray)

White

Black

Red

Spring green

Yellow

Light blue

Blue

Orange

Lilac

Pink

Material ID

700211931

700212046

700212129

700212020

700212061

700211998

700211964

760004689

700212103

700212095

760011858

3,000 FT. REELS

Anixter No.

CM-00424AVA-7-06-3

CM-00424AVA-7-00-3K

CM-00424AVA-7-3K

Jacket Color

Light blue

White

Slate (gray)

Material ID

760040105

760040089

760040097

## SYSTIMAX 360 GigaSPEED X10D PATCHMAX GS6 Panels

COMMScope SYSTIMAX SOLUTIONS



SYSTIMAX 360 GigaSPEED X10D PATCHMAX GS6 panels offer easy cable routing and bundling utilizing the rear cable manager and are available in 24- and 48-port configurations. The 360 PATCHMAX GS6 panels also support deployment of InstaPATCH Cu preterminated copper and features the elegant SYSTIMAX 360 design.

The PATCHMAX GS6 panel accepts four (24-port) or eight (48-port) PATCHMAX GS6 Distribution Modules which can be rotated forward, allowing front-access to the 110-type IDC terminals for easy cable termination. The PATCHMAX GS6 Distribution Module features an innovative termination manager and rear housing which provides easier, faster, more-reliable terminations and reduced variability in the placement and termination of cables to the panel.

### SPECIFICATIONS

1. Height: 3.5 in. (8.89 cm)
2. Width: 19 in. (48.26 cm)
3. Depth (front): 4 in. (10.16 cm)

### FEATURES

- PATCHMAX GS6 supports 5-meter cables in three- and four-connector channels, 3-meter cables in two-connector channels and cross-connect cords down to 1 meter
- Alien crosstalk complies with industry standards ANSI/TIA-568-C and IEC 11801
- Improved rear cable manager makes cable routing and bundling easier
- Supports deployment of InstaPATCH Cu preterminated copper
- Available in 24- and 48-port configuration
- Features elegant SYSTIMAX 360 design
- Innovative two-way mounting and terminating improves installation for limited rear-access applications
- Distribution modules can be snapped onto front of panel for easy front access to rear 110-type IDC termination field
- Designed for simplified administration with built-in cord retainer fingers
- Allows all 24 cords to be routed in the same direction
- One- to 24-port labeling and identification
- Meets ANSI/TIA-606-A labeling standards
- Available in iPatch-Ready versions (field-upgradable to iPatch without the need to remove patch cords, meaning no network downtime) or factory-assembled iPatch versions

Anixter No.	Vendor No.	Description	Material ID
436189	360PMGS62U24	360 PATCHMAX GS6 24-port panel	760102251
436190	360PMGS62U48	360 PATCHMAX GS6 48-port panel	760128207
438834	360-IP-PMAX-GS6-48	360 iPatch PATCHMAX GS6 48-port panel	760130401



# CommScope SYSTIMAX Solutions Copper

## SYSTIMAX 360 GigaSPEED X10D Evolve 1100GS6 Panels - Category 6A

COMMSCOPE SYSTIMAX SOLUTIONS



SYSTIMAX 360 Evolve 1100GS6 Panels are available in 1U and 2U options and feature the elegant SYSTIMAX 360 design. Enhanced rear cable-management features make installation easier over current cable bundling/dressing methods by reducing time and steps to tie down bundles of cable on the rear of the panels.

Anixter No.	Vendor No.	Description	Material ID
436180	360IPR1100EGS61U24	350 1100 GS6 Evolve Panel - 24-port	760152587
436181	360IPR1100EGS62U48	360 1100 GS6 Evolve Panel - 48-port	760152595
436176	360IPR1100AEGS61U24	360 Angled 1100 GS6 Panel - 24-port	760151324
436177	360IPR1100AEGS62U48	360 Angled 1100 GS6 Panel - 48-port	760151779
436183	360IPR1100GS6DM6	360 1100 GS6 Evolve Distribution Module 6-port	760151183
436172	360EKIT1U	360 1U Evolve Panel Kit	760155739
436173	360EKIT2U	360 2U Evolve Panel Kit	760155747

## SYSTIMAX 360 UTP Modular Panels

COMMSCOPE SYSTIMAX SOLUTIONS

The SYSTIMAX 360 Modular Panel is part of the next generation SYSTIMAX 360 solutions platform. The 360 Modular Panel eliminates the need for separate tie-wrap components and offers facilitated installation and panel dressing through simplified cable bundling. The 360 Modular Panel supports the deployment of InstaPATCH Cu Preterminated Copper Solutions and features the elegant SYSTIMAX 360 design.

Anixter No.	Vendor No.	Description	Material ID
389489	760104273	360 U/UTP Modular Panel, 24-port	760104273
396651	360-MOD-1U-BEZEL	360 Modular Panel Bezel Kit	760104463
396652	360-MOD-1U-LABEL	360 Modular Panel Label Kit	760104281
396653	360-MOD-1U-LABEL-A4	360 Modular Panel Label Kit A4	760109728

## M2000, M2100, M2400 UTP Modular Panels

COMMSCOPE SYSTIMAX SOLUTIONS

The M2000 Modular Patch Panel is a panel designed for M-Series outlets that can be configured for copper and is available in 24-port (M2000-1U) and 48-port (M2000-2U) versions. Both the M2000-1U and M2000-2U panels mount in a 19 in. (483 mm) rack with universal hole spacing. The M2000-1U and M2000-2U include a label sheet and clear label holders. A label area is provided to the left of each port. Port designations can be printed on the label sheet and individual port labels are trimmed from the label sheet and placed in the label area and secured by the clear label holder. If adhesive labeling is desired, adhesive labels can be applied to the label holder. The M2000-1U and M2000-2U Panels now include M2000 Cable Organizers. The M2000 Cable Organizer is a molded-plastic design that is snapped into each 6-port bezel. The 24-port 1U panel includes four cable organizers and the 48-port 2U panel includes eight cable organizers. The six 4-pair cables from each bezel are routed and positioned to the cable organizer. Cable ties are included to secure the cables.

CommScope offers the M2100 Modular Patch Panel. The panel is a 48-port 2U modular panel with horizontal front cord managers, eliminating the need for separate cord management. The M2100 includes eight plastic cable organizers, each holding six 4-pair cables. The M2100 also includes M2000 labels and label holders providing labeling and identification for each port. The panel supports copper M-Series outlets.

The M2400 Modular Panel is available in a 24-port (1U) configuration. It is in a single row and can come either angled or flat. It supports UNJ500, 600 or copper connectors. The panel kits include low-profile module stuffer caps. The M2400 Panel has a ReadyPATCH Cu-friendly design which coincides with scalability. It has an optional rack-mountable rear cable-management system and offers both front and rear accessibility. It also qualifies for CommScope's 20-Year Extended Warranty and Applications Assurance when included as part of a registered solution.

### M2000



Anixter No.	Vendor No.	Description	Material ID
323245	M2000-24	24-port, 1U	760049932
323248	M2000-48	48-port, 2 U	760049940
333539	M2000A-24	24-port, 1U angled	760049957
338999	M2000A-48	48-port, 2U, angled	760049965

### M2100

Anixter No.	Vendor No.	Description	Material ID
367179	M2100-48	M2100 48-port 2U Modular Patch Panel	760077842

### M2400

Anixter No.	Vendor No.	Description	Material ID
425034	M2400-1U-PS	U/UTP Flat Single-Row Modular Panel (UNJ500/600), 24 ports	760118315
425035	M2400A-1U-PS	U/UTP Angled Single-Row Modular Panel (UNJ500/600), 24 ports	760118331



# CommScope SYSTIMAX Solutions Copper

Anixter No.	Vendor No.	Description	Material ID
425075	M2400-1U-GS	U/UTP Flat Single-Row Modular Panel (MGS400/500/600), 24 ports	760118323
425076	M2400A-1U-GS	U/UTP Angled Single-Row Modular Panel (MGS400/500/600), 24 ports	760118349

## ACCESSORIES

Anixter No.	Vendor No.	Description	Material ID
335204	760060392	Custom label kit - six rows of 12 labels	760060392
348443	760056408	MGS cover with strain relief 1,000/kit	760056408
348444	760069278	M2000 1U Cord Manager Kit	760069278
324304	M2000 CBLMGTBAR	M2000 Cable Management Bar	760054627
365857	760073486	2U Cord Manager Kit	760073486
401269	760091504	M2000 2U Cord Manager Kit	760091504
		Angled panel cover	760091504

## SYSTIMAX 360 GigaSPEED XL 1100GS3 Patch Panels - Category 6

### COMMSCOPE SYSTIMAX SOLUTIONS

The GigaSPEED XL 1100GS3 Panels are available in 1U and 2U options and feature the elegant SYSTIMAX 360 design. Enhanced rear cable-management features make installation easier over current cable bundling/dressing methods by reducing time and steps to tie down bundles of cable on the rear of the panels. The SYSTIMAX 360 "iPatch-Ready" copper panels can be upgraded in the field at a later stage with the 360 iPatch Upgrade Kit. The upgrade can be performed without network disruptions, since it does not require the removal of patch cords. The SYSTIMAX 360 solution offers customers the option to deploy intelligence immediately or in phases, according to their needs and budgetary requirements. By providing a clear strategy that includes an upgradable product line, CommScope intends to bring intelligence to the masses and raise awareness of the business benefits of intelligent infrastructures.

### FEATURES

- T568A/B universally wired
- 8W8P
- 110 to Mod
- Termination manager and redesigned IDC housing allow traditional cable termination to these high-performance panels

Anixter No.	Vendor No.	Description	Material ID
438196	360-IP-1100-E-GS3-1U-24	360 iPatch 1100GS3 Evolve 24-port panel	760152355
438197	360-IP-1100-E-GS3-2U-48	360 iPatch 1100GS3 Evolve 48-port panel	760152330
436178	360IPR1100EGS31U24	360 1100 GS3 Evolve Panel - 24-port	760152561
436179	360IPR1100EGS32U48	360 1100 GS3 Evolve Panel - 48-port	760152579
436174	360IPR1100AEGS31U24	360 Angled 1100 GS3 Evolve Panel 24-port	760151308
436175	360IPR1100AEGS32U48	360 Angled 1100 GS3 Evolve Panel 48-port	760151753
436170	360AEKIT1U	360 Angled 1U Evolve Panel Kit	760152785
436171	360AEKIT2U	360 Angled 2U Evolve Panel Kit	760152793
389117	360-IP-UP-KIT-1100-24	360 iPatch Upgrade Kit for 360 1100 24-port panel	760104992
436182	360IPR1100GS3DM6	360 1100 GS3 Evolve Distribution Module 6-port	760151167
436168	360-1100-LKP-1-24	360 1100 Evolve Panel - Label Kit (1-24)	760152769
436169	3601100LKP2548	360 1100 Evolve Panel - Label Kit (25-48)	760152777
438831	360-E-C-1U	360 1U Evolve Cover Kit	760152538
438832	360-E-C-2U	360 2U Evolve Panel Kit	760152546
390262	360-IP-UP-KIT-1100-48	360 iPatch Upgrade Kit for the 360 1100 48-port panel	760105015
436173	360EKIT2U	360 2U Evolve Panel Kit	760155747
390259	360-RCM-BM	360 rear cable management (bar mountable)	760104398
436172	360EKIT1U	360 1U Evolve Panel Kit	760155739
443589	360-E-RCM-BM-BAR KIT	360 Evolve Rear Cable Management Bar	760157628

# CommScope SYSTIMAX Solutions Copper

## SYSTIMAX 360 PATCHMAX GS3 - Category 6

### COMMSCOPE SYSTIMAX SOLUTIONS

The 360 PATCHMAX GS3 panel system helps unleash the power of an integrated GigaSPEED XL copper and fiber optic LazrSPEED/TeraSPEED/OptiSPEED cabling solution while maintaining all of the innovative features that have made PATCHMAX unique in the industry. Its unique modularity and patch cord-management system continue to provide unmatched flexibility to MIS managers with the ability to mix and match copper and fiber media in the same panel. The 19 in. rack-mountable patch panel is designed to accept four or eight six-port Distribution Modules (DM) which can be rotated forward, allowing front access to the 110-type IDC terminals for easy cable termination. Built-in horizontal patch cord management brackets provide support for patch cords as well as a holder for the DM modules during installation. This modular approach offers total flexibility in selecting the required copper information outlets.

#### FEATURES

- 8W8P
- T568A/B universally wired
- 110 to Mod
- Termination manager and redesigned IDC housing allows traditional cable termination in these high-performance panels

#### Technical Information & Standards

ANSI/TIA Category 6-compliant

Certified component of GigaSPEED XL

360 PATCHMAX GS3



Improved rear-cable manager makes cable routing and bundling easier. Supports deployment of InstaPATCH Cu preterminated copper. Available in 24-port (2U) configuration. Innovative two-way mounting and terminating improve installation for limited rear-access applications. Distribution modules can be snapped onto front of panel for easy front access to rear 110 type IDC termination field. Designed for simplified administration with built-in cord-retainer fingers. Allows all 24 cords to be routed in the same direction, one- to 24-port labeling and identification. Meets 606 labeling standard. Features elegant SYSTIMAX 360 design.

Anixter No.	Vendor No.	Description	Material ID
396654	360-PM-GS3-2U	360 PATCHMAX GS3 24-port patch panel	760102244
396655	360-PM-GS3-DM	360 PATCHMAX GS3 Distribution Module	760102269
425134	360-PM-GS3-2U-48	360 PATCHMAX GS3 48-port patch panel	760117366
425135	360-PM-GS3-DM-12	360 PATCHMAX GS3 Distribution Module - 12-port	760117382

## SYSTIMAX 360 GigaSPEED X10D MGS600 Information Outlets

### COMMSCOPE SYSTIMAX SOLUTIONS



The SYSTIMAX 360 GigaSPEED X10D MGS600 Information Outlet is the latest result of many years of continuous product development at CommScope Labs. Just like previous MGS information outlets, the MGS600 snaps into standard CommScope M-Series faceplates, surface-mount boxes and modular panels, but the new, patented compensation technology on the inside sets this outlet apart. Patented straddled-pair cross-over techniques combined with new printed wiring board technologies, all tuned to SYSTIMAX 360 10G Cables and Cords, bring our customers unsurpassed 10G channel performance with fewer restrictions than specified by industry standards.

#### FEATURES

- Patented crossing of straddling-pair contacts enables efficient alien crosstalk reduction in the channel
- Snaps into standard SYSTIMAX M-Series faceplates, surface-mount boxes, consolidation point boxes or SYSTIMAX modular panels. Can also be mounted either at 90 degrees (straight) or 45 degrees (angled) in any SYSTIMAX faceplate
- Universal design and label supports both T568 A & B wiring
- IDC connector terminations on rear of base allow quick and easy installation of 22 to 24 AWG cable
- Optional Plastic Icons (M61A) and Dust Covers (M20A) available in several colors
- Optimal performance is achieved when using the GigaSPEED X10D 360GS10E patch cords; however, the MGS600 is fully backward compatible
- Can support network line speeds of up to at least 10 gigabits per second
- Qualifies for the SYSTIMAX 20-Year Extended Product Warranty and Applications Assurance when included as part of a registered SYSTIMAX GigaSPEED X10D channel

#### Technical Information & Standards

Approved for GigaSPEED X10D performance

ANSI/TIA Category 6A-compliant

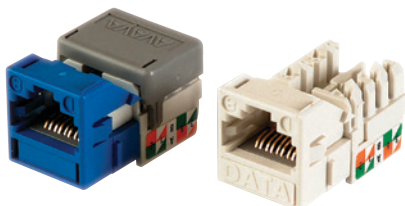
Anixter No.	Vendor No.	Description	Material ID
393214	MGS600-003	Black	760092361
393215	MGS600-112	Orange	760092379
393216	MGS600-123	Yellow	760092387
393217	MGS600-226	Green	760092403
393218	MGS600-246	Ivory	760092411
393219	MGS600-262	White	760092429
393220	MGS600-270	Gray	760092437
393221	MGS600-317	Red	760092445
393213	MGS600-318	Blue	760092452
393222	MGS600-361	Violet	760092460
396983	MGS600-148	Almond	760092478

# CommScope SYSTIMAX Solutions Copper

Anixter No.	Vendor No.	Description	Material ID
396984	MGS600-003-BULK	Black, bulk pack 100	760110957
396985	MGS600-246-BULK	Ivory, bulk pack 100	760110965
396986	MGS600-262-BULK	White, bulk pack 100	760110973
396987	MGS600-318-BULK	Blue, bulk pack 100	760110981

## GigaSPEED XL MGS400 Information Outlets - Category 6

COMMSCOPE SYSTIMAX SOLUTIONS



The MGS400 Outlet features proprietary crosstalk cancellation techniques for superior, near-end crosstalk (NEXT and PSNEXT) performance that provides unmatched throughput performance when installed as part of a complete GigaSPEED XL channel.

The MGS400 Information Outlet is an integral part of the GigaSPEED XL Solution portfolio. The GigaSPEED XL Solution offers guaranteed margins over the minimum Category 6/Class E requirements even in worst-case configurations with up to six connections.

### FEATURES

- T568A/B universally wired
- 8W8P

### Technical Information & Standards

Approved for GigaSPEED XL performance  
ANSI/TIA Category 6-compliant

Anixter No.	Vendor No.	Description	Material ID
246740	MGS400-003	Black	700206667
246742	MGS400-112	Orange	700206683
246744	MGS400-123	Yellow	700206691
246746	MGS400-226	Green	700206709
246747	MGS400-246	Ivory	700206717
246748	MGS400-262	White	700206725
246749	MGS400-270	Gray	700206733
246750	MGS400-317	Red	700206741
246751	MGS400-318	Blue	700206758
246741	MGS400-361	Violet	700206675
397004	MGS400-148	Almond	760074211
318639	MGS400-BLK-262	White, bulk pack 100	760041988
318637	MGS400-BLK-003	Black, bulk pack 100	760041962
318638	MGS400-BLK-246	Ivory, bulk pack 100	760041970
318649	MGS400-BLK-318	Blue, bulk pack 100	760041996

## SYSTIMAX 360 GigaSPEED X10D 360GS10E Patch Cords - Category 6A

COMMSCOPE SYSTIMAX SOLUTIONS



CommScope has developed the SYSTIMAX 360 GigaSPEED X10D 360GS10E Patch Cord to support the GigaSPEED X10D channel. Along with GigaSPEED X10D cable and patching hardware, CommScope Labs has characterized the performance of these cords in thousands of different channel configurations using the modal decomposition modeling (MDM) tool. See a configurator of the 360GS10E Patch Cords below. The part numbers in the Material ID column represent only the base part number. An example of a part number would be CPCSSX2-03F007. The "03" denotes the jacket color and the "007" denotes the cordage length. This is a dark-gray cord, 7 ft. in length.

### FEATURES

- Electrical performance guaranteed to meet or exceed the channel specifications of Amendment 1 to ISO/IEC 11801:2002 Class EA and ANSI/TIA-568-C Category 6A up to 500 MHz when used as part of a GigaSPEED X10D UTP Channel in registered SYSTIMAX installations
- ETL/cETL Listed
- Can support network line speeds up to at least 10 Gbps per second
- Certified component of an integrated GigaSPEED X10D Solution
- Qualifies for the SYSTIMAX SCS 20-Year Extended Product Warranty and Applications Assurance when included as part of a registered SYSTIMAX GigaSPEED X10D channel

### 3 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM03-X10D360-00	CPCSSX2-08F003	White
MM03-X10D360-05	CPCSSX2-09F003	Yellow
MM03-X10D360-06	CPCSSX2-02F003	Light blue
MM03-X10D360-08	CPCSSX2-06F003	Orange
MM03-X10D360-09	CPCSSX2-03F003	Dark gray

### 5 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM05-X10D360-00	CPCSSX2-08F005	White
MM05-X10D360-04	CPCSSX2-04F005	Spring green
MM05-X10D360-05	CPCSSX2-09F005	Yellow
MM05-X10D360-06	CPCSSX2-02F005	Light blue
MM05-X10D360-09	CPCSSX2-03F005	Dark gray
MM05-X10D360-DB	CPCSSX2-02F005	Blue

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# CommScope SYSTIMAX Solutions Copper

(continued) SYSTIMAX 360 GigaSPEED X10D 360GS10E Patch Cords - Category 6A

## 7 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM07-X10D360-00	CPCSSX2-08F007	White
MM07-X10D360-02	CPCSSX2-01F007	Black
MM07-X10D360-03	CPCSSX2-07F007	Red
MM07-X10D360-04	CPCSSX2-04F007	Spring green
MM07-X10D360-05	CPCSSX2-09F007	Yellow
MM07-X10D360-06	CPCSSX2-02F007	Light blue
MM07-X10D360-08	CPCSSX2-06F007	Orange
MM07-X10D360-09	CPCSSX2-03F007	Dark gray
MM07-X10D360-10	CPCSSX2-0BF007	Lilac
MM07-X10D360-DB	CPCSSX2-0ZF007	Blue

## 10 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM10-X10D360-00	CPCSSX2-08F010	White
MM10-X10D360-02	CPCSSX2-01F010	Black
MM10-X10D360-03	CPCSSX2-07F010	Red
MM10-X10D360-04	CPCSSX2-04F010	Spring green
MM10-X10D360-05	CPCSSX2-09F010	Yellow
MM10-X10D360-06	CPCSSX2-02F010	Light blue
MM10-X10D360-08	CPCSSX2-06F010	Orange
MM10-X10D360-09	CPCSSX2-03F010	Dark gray
MM10-X10D360-10	CPCSSX2-0BF010	Lilac

## 14 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM14-X10D360-00	CPCSSX2-08F014	White
MM14-X10D360-04	CPCSSX2-04F014	Spring green
MM14-X10D360-05	CPCSSX2-09F014	Yellow
MM14-X10D360-06	CPCSSX2-02F014	Light blue
MM14-X10D360-09	CPCSSX2-03F014	Dark gray
MM14-X10D360-10	CPCSSX2-0BF014	Lilac

## 25 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM25-X10D360-00	CPCSSX2-08F025	White
MM25-X10D360-03	CPCSSX2-07F025	Red
MM25-X10D360-04	CPCSSX2-04F025	Spring green
MM25-X10D360-05	CPCSSX2-09F025	Yellow
MM25-X10D360-06	CPCSSX2-02F025	Light blue
MM25-X10D360-09	CPCSSX2-03F025	Dark gray
MM25-X10D360-DB	CPCSSX2-0ZF025	Blue

Additional colors and lengths available. In the example vendor part number CPCSSX2-03F007, the "3" denotes the jacket color and the "007" denotes the length. This is a dark-gray cord, 7 ft. in length.

Also available in bulk packs.

## GigaSPEED XL GS8E Patch Cords - Category 6

COMMSCOPE SYSTIMAX SOLUTIONS



The GS8E XL Modular Patch Cord was specially designed to support the high-performance system-level requirements built into the GigaSPEED XL cabling solutions. A wide variety of cord types, lengths, colors and configurations are available through our new feature configuration-ordering process. This gives the customer the ultimate in flexibility to meet any cabling infrastructure design. This cord is a SYSTIMAX-certified required component.

### Technical Information & Standards

ANSI/TIA Category 6-compliant

Certified component of GigaSPEED XL

## 3 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM03-AV7E-03	CPC3312-07F003	Red
MM03-AV7E-04	CPC3312-04F003	Spring green
MM03-AV7E-05	CPC3312-09F003	Yellow
MM03-AV7E-06	CPC3312-02F003	Light blue
MM03-AV7E-08	CPC3312-06F003	Orange
MM03-AV7E-09	CPC3312-03F003	Dark gray
MM03-AV7E-10	CPC3312-0BF003	Lilac
MM04-AV7E-02	CPC3312-01F004	Black
MM03-AV7E-00	CPC3312-08F003	White
MM03-AV7E-DB	CPC3312-0ZF003	Blue

## 4 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM04-AV7E-03	CPC3312-07F004	Red
MM04-AV7E-04	CPC3312-04F004	Spring green
MM04-AV7E-05	CPC3312-09F004	Yellow
MM04-AV7E-06	CPC3312-02F004	Light blue
MM04-AV7E-08	CPC3312-06F004	Orange
MM04-AV7E-09	CPC3312-03F004	Dark gray
MM04-AV7E-10	CPC3312-0BF004	Lilac
MM04-AV7E-02	CPC3312-01F004	Black
MM04-AV7E-00	CPC3312-08F004	White
MM04-AV7E-DB	CPC3312-0ZF004	Blue

## 5 FT. LENGTHS

Anixter No.	Vendor No.	Description
MM05-AV7E-03	CPC3312-07F005	Red
MM05-AV7E-04	CPC3312-04F005	Spring green
MM05-AV7E-05	CPC3312-09F005	Yellow

## CommScope SYSTIMAX Solutions Copper

## Anixter No.

MM05-AV7E-06  
MM05-AV7E-08  
MM05-AV7E-09  
MM05-AV7E-10  
MM05-AV7E-02  
MM05-AV7E-00  
MM05-AV7E-DB

## Vendor No.

CPC3312-02F005  
CPC3312-06F005  
CPC3312-03F005  
CPC3312-0BF005  
CPC3312-01F005  
CPC3312-08F005  
CPC3312-0ZF005

## Description

Light blue  
Orange  
Dark gray  
Lilac  
Black  
White  
Blue

## Anixter No.

MM19-AV7E-08  
MM19-AV7E-09  
MM19-AV7E-10  
MM19-AV7E-02  
MM19-AV7E-00  
MM19-AV7E-DB

## Vendor No.

CPC3312-06F019  
CPC3312-03F019  
CPC3312-0BF019  
CPC3312-01F019  
CPC3312-08F019  
CPC3312-0ZF019

## Description

Orange  
Dark gray  
Lilac  
Black  
White  
Blue

## 7 FT. LENGTHS

## Anixter No.

MM07-AV7E-03  
MM07-AV7E-04  
MM07-AV7E-05  
MM07-AV7E-06  
MM07-AV7E-08  
MM07-AV7E-09  
MM07-AV7E-10  
MM07-AV7E-02  
MM07-AV7E-00  
MM07-AV7E-DB

## Vendor No.

CPC3312-07F007  
CPC3312-04F007  
CPC3312-09F007  
CPC3312-02F007  
CPC3312-06F007  
CPC3312-03F007  
CPC3312-0BF007  
CPC3312-01F007  
CPC3312-08F007  
CPC3312-0ZF007

## Description

Red  
Spring green  
Yellow  
Light blue  
Orange  
Dark gray  
Lilac  
Black  
White  
Blue

## 25 FT. LENGTHS

## Anixter No.

MM25-AV7E-03  
MM25-AV7E-04  
MM25-AV7E-05  
MM25-AV7E-06  
MM25-AV7E-08  
MM25-AV7E-09  
MM25-AV7E-10  
MM25-AV7E-02  
MM25-AV7E-00  
MM25-AV7E-DB

## Vendor No.

CPC3312-07F025  
CPC3312-04F025  
CPC3312-09F025  
CPC3312-02F025  
CPC3312-06F025  
CPC3312-03F025  
CPC3312-0BF025  
CPC3312-01F025  
CPC3312-08F025  
CPC3312-0ZF025

## Description

Red  
Spring green  
Yellow  
Light blue  
Orange  
Dark gray  
Lilac  
Black  
White  
Blue

## 10 FT. LENGTHS

## Anixter No.

MM10-AV7E-03  
MM10-AV7E-04  
MM10-AV7E-05  
MM10-AV7E-06  
MM10-AV7E-08  
MM10-AV7E-09  
MM10-AV7E-10  
MM10-AV7E-02  
MM10-AV7E-00  
MM10-AV7E-DB

## Vendor No.

CPC3312-07F010  
CPC3312-04F010  
CPC3312-09F010  
CPC3312-02F010  
CPC3312-06F010  
CPC3312-03F010  
CPC3312-0BF010  
CPC3312-01F010  
CPC3312-08F010  
CPC3312-0ZF010

## Description

Red  
Spring green  
Yellow  
Light blue  
Orange  
Dark gray  
Lilac  
Black  
White  
Blue

## 50 FT. LENGTHS

## Anixter No.

MM50-AV7E-03  
MM50-AV7E-04  
MM50-AV7E-05  
MM50-AV7E-06  
MM50-AV7E-08  
MM50-AV7E-09  
MM50-AV7E-10  
MM50-AV7E-02  
MM50-AV7E-00  
MM50-AV7E-DB

## Vendor No.

CPC3312-07F050  
CPC3312-04F050  
CPC3312-09F050  
CPC3312-02F050  
CPC3312-06F050  
CPC3312-03F050  
CPC3312-0BF050  
CPC3312-01F050  
CPC3312-08F050  
CPC3312-0ZF050

## Description

Red  
Spring green  
Yellow  
Light blue  
Orange  
Dark gray  
Lilac  
Black  
White  
Blue

Other lengths and colors may be available. Also available in bulk packs.

## 14 FT. LENGTHS

## Anixter No.

MM14-AV7E-03  
MM14-AV7E-04  
MM14-AV7E-05  
MM14-AV7E-06  
MM14-AV7E-08  
MM14-AV7E-09  
MM14-AV7E-10  
MM14-AV7E-02  
MM14-AV7E-00  
MM14-AV7E-DB

## Vendor No.

CPC3312-07F014  
CPC3312-04F014  
CPC3312-09F014  
CPC3312-02F014  
CPC3312-06F014  
CPC3312-03F014  
CPC3312-0BF014  
CPC3312-01F014  
CPC3312-08F014  
CPC3312-0ZF014

## Description

Red  
Spring green  
Yellow  
Light blue  
Orange  
Dark gray  
Lilac  
Black  
White  
Blue

## 19 FT. LENGTHS

## Anixter No.

MM19-AV7E-03  
MM19-AV7E-04  
MM19-AV7E-05  
MM19-AV7E-06

## Vendor No.

CPC3312-07F019  
CPC3312-04F019  
CPC3312-09F019  
CPC3312-02F019

## Description

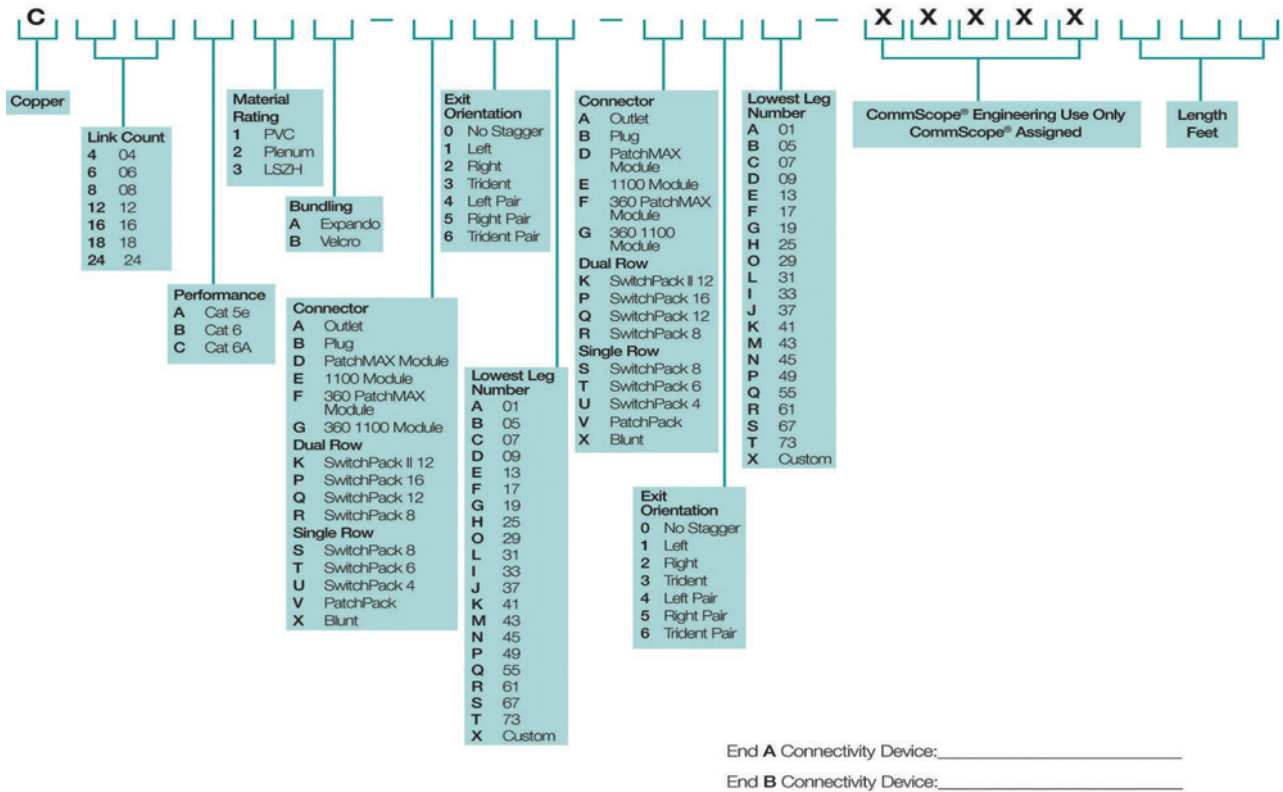
Red  
Spring green  
Yellow  
Light blue



# CommScope SYSTIMAX Solutions Copper

## InstaPATCH Cu Preterminated Copper Solutions

### COMMSCOPE SYSTIMAX SOLUTIONS



SYSTIMAX preterminated copper solutions provide preconnectorized copper-cable harnesses for your infrastructure needs. InstaPATCH Cu Preterminated Copper Solutions feature high-density, factory-connectorized, factory-tested, modular U/UTP connectivity systems that allow installers to simply and quickly connect network components. InstaPATCH Cu Solutions are designed to support locations, such as data centers, that require high-density, rapid-deployment and high-performance components. InstaPATCH Cu preterminated copper-cable harnesses deliver hassle-free installation in a fraction of the time required by traditional implementations, ensuring that your network is up and running quickly. These solutions offer improved cable management and scalable capacity through their modular design. Preterminated harnesses provide price stability by minimizing the variable costs of termination, troubleshooting and rework. Engineered for rapid deployment, high performance and future-readiness, each of the SYSTIMAX preconnectorized harnesses comes factory-tested and ready to install. InstaPATCH Cu Solutions are warranted by SYSTIMAX and backed by CommScope's industry-leading connectivity experience. SwitchPack Technology (SPT) supplies high-density switches with a U/UTP prebuilt, quick-disconnect feature, allowing superior cable management and extending the switch to patch panels where cross connects can be made. SwitchPack Technology brings greater reliability and serviceability to your network.

#### FEATURES

- Speed - Installation up to eight times faster than traditional cabling
- Flexibility - Multiple options for a variety of copper environments
- Reliability - The SYSTIMAX InstaPATCH Cu Solution is backed by the SYSTIMAX Solutions 20-Year Extended Product Warranty and Applications Assurance
- Scalability - Plan for and install the exact number of ports you need now and add additional harnesses as needed in the future
- Cost-control - Pricing stability by minimizing the variable cost of termination, troubleshooting and rework
- Security - Reduces installation time required in a live data center environment

For ordering information, contact your local sales representative.



# CommScope SYSTIMAX Solutions Copper

## Integrated Camera Panel Kit

COMMSCOPE SYSTIMAX SOLUTIONS



The new black 2U adjustable integrated security panel kit is compatible with the AXIS M10 Network Camera Series. The camera panel kit, with the incorporation of a compatible AXIS Communications M10 Network Camera, will aid in the recording and monitoring of all activity within an assigned rack or cabinet.

This unique black 2U security panel kit will be powered with a single UTP connection, which makes this panel ideal for large-scale rollouts where infrastructure already exists or where limited space may make installations difficult. Given the panel is fully adjustable and made to tilt in order to capture the desired image, it is also ideal for environments where an additional layer of security is necessary.

The panel can be angled and aligned with the appropriate camera settings that allow end-users complete surveillance of their rack or cabinet entryways.

### FEATURES

- Patent-pending design
- Compatible with AXIS M10 Series
- Adjustable pivot
- Security within a cabinet
- Audio optional
- PIR optional
- White-light LED optional
- I/O contact port optional
- Motion detection
- Event notification via e-mail
- Remotely accessible
- Remotely managed
- HDTV-compliant video optional

Anixter No.	Vendor No.	Material ID
438822	ICP-19-2U KIT	760152512

This product is suggested to be used with the imVision Infrastructure Management Solution for maximum security, knowledge and control over networks at all times.

# CommScope Uniprise Solutions Copper

## UltraMedia Cables - Category 6

### COMMSCOPE UNIPRISE SOLUTIONS



UltraMedia is designed to exceed all Category 6 requirements for high-speed, full-duplex, parallel-transmission protocols. The electrical characteristics of the cable are twice as good as those of standard Category 5e. The UltraMedia family uses the industry-accepted round design and includes the CommFlex jacket for improved handling characteristics. These cables will support high-end LAN applications such as ATM and Gigabit Ethernet. Patented design with Isolator pair separator for superior bandwidth performance. The flexible jacket strips cleanly and resists kinking and the co-extruded color striped pairs provide easy identification.

#### SPECIFICATIONS

- 1,000 to 0 footage markers, WebTrak online test reports
- 23 AWG, 4-pair
- Solid bare copper conductors
- Nominal O.D. (in.): CMR 0.23, CMP 0.223
- Approx. weight (lb./MF): CMR 24.6, CMP 28.5
- Conductors are twisted into varying lengths of lay to minimize crosstalk
- CMR - FRPE insulation, CMP - FEP insulation
- CMR - FRPVC jacket, CMP - CommFlex FRPVC jacket

#### Technical Information & Standards

ANSI/TIA Category 6-compliant  
ICEA S-90-661  
NEMA low-loss extended frequency  
ISO/IEC 11801

#### PLENUM 7504 REEL

Anixter No.	Vendor No.	Jacket Color	Material ID
<a href="#">CMP-00424COM-7-01</a>	7504	White	4763304/10
<a href="#">CMP-00424COM-7-04</a>	7504	Teal	4766904/10
<a href="#">CMP-00424COM-7-05</a>	7504	Yellow	4763504/10
<a href="#">CMP-00424COM-7-06</a>	7504	Blue	4763204/10
<a href="#">CMP-00424COM-7-09</a>	7504	Gray	4765304/10

#### PLENUM 7504 REEL-IN-BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<a href="#">CMP-00424COM-7RB-01</a>	7504	White	4763394/10
<a href="#">CMP-00424COM-7RB-04</a>	7504	Teal	4766994/10
<a href="#">CMP-00424COM-7RB-05</a>	7504	Yellow	4763594/10
<a href="#">CMP-00424COM-7RB-06</a>	7504	Blue	4763294/10
<a href="#">CMP-00424COM-7RB-08</a>	7504	Orange	4769594/10
<a href="#">CMP-00424COM-7RB-09</a>	7504	Gray	4765394/10
<a href="#">CMP-00424COM-7RB-GN</a>	7504-GREEN	Green	4766994/10

#### PLENUM 7504 COMMPAK BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<a href="#">CMP-00424COM-7U-01</a>	7504	White	4763314/10
<a href="#">CMP-00424COM-7U-04</a>	7504	Teal	4766914/10
<a href="#">CMP-00424COM-7U-05</a>	7504	Yellow	4763514/10
<a href="#">CMP-00424COM-7U-06</a>	7504	Blue	4763214/10
<a href="#">CMP-00424COM-7U-09</a>	7504	Gray	4765314/10

#### NONPLENUM 75N4 REEL

Anixter No.	Vendor No.	Jacket Color	Material ID
<a href="#">CM-00424COM-7-01</a>	75N4	White	4662104/10
<a href="#">CM-00424COM-7-04</a>	75N4	Teal	4665304/10
<a href="#">CM-00424COM-7-05</a>	75N4	Yellow	4662404/10
<a href="#">CM-00424COM-7-06</a>	75N4	Blue	4662004/10
<a href="#">CM-00424COM-7-09</a>	75N4	Gray	4662204/10

#### NONPLENUM 75N4 REEL-IN-BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<a href="#">CM-00424COM-7RB-01</a>	75N4	White	4662194/10
<a href="#">CM-00424COM-7RB-05</a>	75N4	Yellow	4662494/10
<a href="#">CM-00424COM-7RB-06</a>	75N4	Blue	4662094/10
<a href="#">CM-00424COM-7RB-09</a>	75N4	Gray	4662294/10

#### NONPLENUM 75N4 COMMPAK BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<a href="#">CM-00424COM-7U-01</a>	75N4	White	4662114/10
<a href="#">CM-00424COM-7U-02</a>	75N4	Black	8440214/10
<a href="#">CM-00424COM-7U-03</a>	75N4	Red	4662314/10
<a href="#">CM-00424COM-7U-04</a>	75N4	Teal	4665314/10
<a href="#">CM-00424COM-7U-05</a>	75N4	Yellow	4662414/10
<a href="#">CM-00424COM-7U-06</a>	75N4	Blue	4662014/10
<a href="#">CM-00424COM-7U-09</a>	75N4	Slate (gray)	4662214/10

## Ultra II Cables - Category 5e

### COMMSCOPE UNIPRISE SOLUTIONS



Ultra II is the 350 MHz Enhanced Category 5e unshielded twisted-pair cable that provides guaranteed headroom over the ANSI/TIA-568-B.2 specification. Ultra II incorporates PowerSum NEXT, superior ACR performance and 15 ns delay skew to deliver the needed performance to high-speed, full-duplex data networks. Ultra II utilizes CommFlex jacketing to improve pulling, handling and stripping. Co-extruded stripes simplify traceability and termination. Test reports available via online WebTrak test-reporting system.

#### SPECIFICATIONS

- 24 AWG, 4-pair
- Solid bare copper conductors
- Nominal O.D. (in.): CMR 0.209, CMP 0.193
- Approx. weight: CMR 21.8, CMP 22.3
- Conductors are twisted into varying lengths of lay to minimize crosstalk
- CMR - PE insulation, CMP - FEP insulation
- CMR - FRPVC jacket, CMP - CommFlex FRPVC jacket

#### Technical Information & Standards

ANSI/TIA Category 5e-compliant  
CMP CSA FT-6 - plenum  
CMR CSA FT-4 - nonplenum  
ISO/IEC 11801

# CommScope Uniprise Solutions Copper

## PLENUM 5504M REEL

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CMP-00424COM-6-01</b>	5504M	White	4196804/10
<b>CMP-00424COM-6-05</b>	5504M	Yellow	4197404/10
<b>CMP-00424COM-6-06</b>	5504M	Blue	4196904/10

## PLENUM 5504M COMMPAK BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CMP-00424COM-6U-01</b>	5504M	White	4196814/10
<b>CMP-00424COM-6U-05</b>	5504M	Yellow	4197414/10
<b>CMP-00424COM-6U-06</b>	5504M	Blue	4196914/10

## NONPLENUM 55N4R REEL

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CM-00424COM-6-01</b>	55N4R	White	4640404/10
<b>CM-00424COM-6-05</b>	55N4R	Yellow	4641804/10
<b>CM-00424COM-6-06</b>	55N4R	Blue	4299704/10
<b>CM-00424COM-6-09</b>	55N4R	Gray	4299604/10
<b>CM-00424COM-6-12</b>	55N4R	Pink	4640904/10

## NONPLENUM 55N4R COMMPAK BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CM-00424COM-6U-01</b>	55N4R	White	4640414/10
<b>CM-00424COM-6U-05</b>	55N4R	Yellow	4641814/10
<b>CM-00424COM-6U-09</b>	55N4R	Gray	4299614/10
<b>CM-00424COM-6U-12</b>	55N4R	Pink	4640914/10

## PLENUM 5E55 REEL

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CMP-00424COM-5-01F</b>	5E + 55	White	4759104/10
<b>CMP-00424COM-5-06F</b>	5E + 55	Blue	4759004/10
<b>CMP-00424COM-5-09F</b>	5E + 55	Gray	4759204/10

## PLENUM 5E55 COMMPAK BOX

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CMP-00424COM-5U-01F</b>	5E + 55	White	4759114/10
<b>CMP-00424COM-5U-06F</b>	5E + 55	Blue	4759014/10
<b>CMP-00424COM-5U-09F</b>	5E + 55	Gray	4759214/10

## NONPLENUM 5EN5

Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CM-00424CMF-5-01</b>	5EN5	White	4657004/10
<b>CM-00424CMF-5-06</b>	5EN5	Blue	4656904/10
<b>CM-00424CMF-5-09</b>	5EN5	Gray	4657104/10

## NONPLENUM 5EN5 COMMPAK BOX

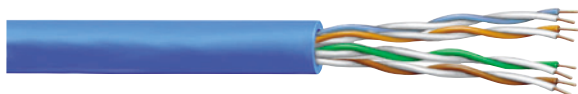
Anixter No.	Vendor No.	Jacket Color	Material ID
<b>CM-00424CMF-5U-01</b>	5EN5	White	4657014/10
<b>CM-00424CMF-5U-06</b>	5EN5	Blue	4656914/10
<b>CM-00424CMF-5U-09</b>	5EN5	Gray	4657114/10

## Uniprise 610 Series Patch Panels - Category 6

### COMMSCOPE UNIPRISE SOLUTIONS

## DataPipe Cables - Category 5e

### COMMSCOPE UNIPRISE SOLUTIONS



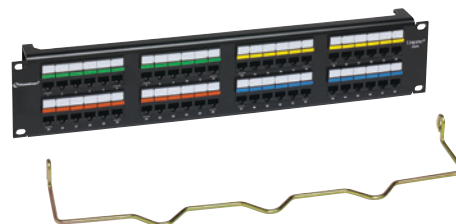
The DataPipe Category 5e family comes in both plenum and nonplenum constructions. DataPipe is a 200 MHz cable developed for simultaneous bi-directional transmission over 4-pairs. Typical applications include those of Category 5e and full-duplex encoding schemes such as Gigabit Ethernet. These cables have a CommFlex jacket to reduce friction during installation resulting in less strain on the twisted pairs and reduced kinking. Test reports available via online WebTrak test reporting system. 1,000 to 0 footage markers.

### SPECIFICATIONS

1. 24 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.205, CMP 0.180
4. Approx. weight (lb./MF): CMR 20.3, CMP 20
5. Conductors twisted into varying lengths of lay to minimize crosstalk
6. CMR - PE insulation, CMP - foam FEP insulation
7. CMR - PVC jacket, CMP - CommFlex FRPVC jacket

### Technical Information & Standards

ANSI/TIA Category 5e-compliant  
ISO/IEC 11801



The UNP610 panels are available in 18-, 24- and 48-port versions and are designed to mount into standard 19 in. racks and cabinets. The panel back consists of craft-friendly color-coded gas-tight insulation displacement connections. Design features include termination options for either T568A or T568B wiring schemes.

The UNP610 patch panels include integrated label holders with clear label covers and white paper labels. Label holders accept CommScope icons in a wide array of colors. Icons can be installed over each individual port. A rear cable management bar can be quickly mounted directly onto the rear of the panels without any hardware. The bar can be installed from the rear of the frame or attached to the panels prior to being mounted. The 18-port version includes one cable management/strain-relief bar, the 24-port version includes one cable management/strain-relief bar, and the 48-port comes with two.

### Technical Information & Standards

Meets/exceeds:

- Category 6/Class E requirements of ISO/IEC 11801, CENELEC EN50173-1 and ANSI/TIA-568B.2-1
- UL Listed

Continued on next page >>

# CommScope Uniprise Solutions Copper

## (continued) Uniprise 610 Series Patch Panels - Category 6

### MODULAR PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units	Material ID
331423	UNP610-24P	24	1	CC0057596/1
331426	UNP610-48P	48	2	CC0057604/1

### ANGLED PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units	Material ID
356746	UNP610-ANG-24P	24	1	CC0057612/1
356747	UNP610-ANG-48P	48	2	CC0057620/1

## Uniprise 610 Series Angled Patch Panels - Category 6

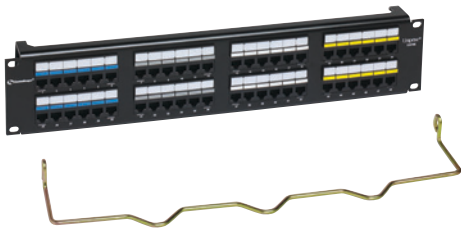
### COMMSCOPE UNIPRISE SOLUTIONS

Uniprise Angled Patch Panels are designed for quick and repeatable configuration of Category 6 circuits. The panel back consists of gas-tight insulation displacement connections for secure termination. The UNP610 angled panels include integrated label holders with clear label covers and white paper labels. Label holders accept UNJ icons in a wide array of colors and icons can be installed from the rear of the frame or attached to the panels prior to being mounted. The 24-port version includes one cable management/strain relief bar, while the 48-port comes with two. Insertion life exceeds 750 cycles. Angled panels allow the routing of patch cords directly to the vertical cable management, eliminating the need for horizontal patch cord organizers. Uniprise Angled Panels are available in 24- and 48-port versions.

Anixter No.	Vendor No.	Number of Ports	Rack Units	Material ID
356746	UNP610-ANG-24P	24	1	CC0057612/1
356747	UNP610-ANG-48P	48	2	CC0057620/1

## Uniprise 510 Series Patch Panels - Category 5e

### COMMSCOPE UNIPRISE SOLUTIONS



The UNP510 panels are available in 18-, 24- and 48-port versions and are designed to mount into standard 19 in. racks and cabinets. The panel back consists of craft-friendly color-coded gas-tight insulation displacement connections. Design features include termination options for either T568A or T568B wiring schemes.

The UNP510 patch panels include integrated label holders with clear label covers and white paper labels. Label holders accept CommScope icons in a wide array of colors and icons can be installed over each individual port. A rear cable management bar can be quickly mounted directly onto the rear of the panels without any hardware. The bar

can be installed from the rear of the frame or attached to the panels prior to being mounted. The 18-port version includes one cable management/strain-relief bar, the 24-port version includes one cable management/strain-relief bar, and the 48-port comes with two.

### Technical Information & Standards

Meets/exceeds:

- Category 5e requirements of ISO/IEC 11801, CENELEC EN50173-1 and ANSI/TIA-568B.2-1
- UL Listed

### MODULAR PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units	Material ID
331417	UNP510-24P	24	1	CC0057539/1
331418	UNP510-48P	48	2	CC0057547/1

### ANGLED PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units	Material ID
356748	UNP510-ANG-24P	24	1	CC0057554/1
356749	UNP510-ANG-48P	48	2	CC0057562/1

## Uniprise 510 Series Angled Patch Panels - Category 5e

### COMMSCOPE UNIPRISE SOLUTIONS

Uniprise Angled Panels are designed for quick and repeatable configuration of Category 5e circuits. The panel back consists of gas-tight insulation displacement connections for secure termination. The UNP510 patch panels include integrated label holders with clear label covers and white paper labels. Label holders accept UNJ icons in a wide array of colors and icons can be installed over each individual port. A rear cable-management bar can be quickly mounted directly onto the rear of the panels without any hardware. The bar can be installed from the rear of the frame or attached to the panels prior to being mounted. The 24-port version includes one cable-management/strain-relief bar, while the 48-port comes with two. Insertion life exceeds 750 cycles. Angled panels allow the routing of patch cords directly to the vertical cable management, eliminating the need for horizontal patch cord organizers. Uniprise Angled Panels are available in 24- and 48-port versions.

Anixter No.	Vendor No.	Number of Ports	Rack Units	Material ID
356748	UNP510-ANG-24P	24	1	CC0057554/1
356749	UNP510-ANG-48P	48	2	CC0057562/1

## M2000, M2100, M2400 UTP Modular Panels

### COMMSCOPE ENTERPRISE SOLUTIONS

The M2000 Modular Patch Panel is a panel designed for M-Series outlets that can be configured for copper and is available in 24-port (M2000-1U) and 48-port (M2000-2U) versions. Both the M2000-1U and M2000-2U panels mount in a 19 in. (483 mm) rack with universal hole spacing. The M2000-1U and M2000-2U include a label sheet and clear label holders. A label area is provided to the left of each port. Port designations can be printed on the label sheet and individual port labels are trimmed from the label sheet and placed in the label area and secured by the clear label holder. If adhesive labeling is desired, adhesive labels can be applied to the label holder. The M2000-1U and M2000-2U Panels now include M2000 Cable Organizers. The M2000 Cable Organizer is a molded-plastic design that is snapped

# CommScope Uniprise Solutions Copper

into each 6-port bezel. The 24-port 1U panel includes four cable organizers and the 48-port 2U panel includes eight cable organizers. The six 4-pair cables from each bezel are routed and positioned to the cable organizer. Cable ties are included to secure the cables.

CommScope offers the M2100 Modular Patch Panel. The panel is a 48-port 2U modular panel with horizontal front cord managers, eliminating the need for separate cord management. The M2100 includes eight plastic cable organizers, each holding six 4-pair cables. The M2100 also includes M2000 labels and label holders providing labeling and identification for each port. The panel supports copper M-Series outlets. The M2400 Modular Panel is available in a 24-port (1U) configuration. It is in a single row and can come either angled or flat. It supports UNJ500, 600 or copper connectors. The panel kits include low-profile module stuffer caps. The M2400 Panel has a ReadyPATCH Cu-friendly design which coincides with scalability. It has an optional rack-mountable rear cable-management system and offers both front and rear accessibility. It also qualifies for CommScope's 20-Year Extended Warranty and Applications Assurance when included as part of a registered solution.

## M2000



Anixter No.	Vendor No.	Description	Material ID
323245	M2000-24	24-port, 1U	760049932
323248	M2000-48	48-port, 2 U	760049940
333539	M2000A-24	24-port, 1U angled	760049957
338999	M2000A-48	48-port, 2U, angled	760049965

## M2100

Anixter No.	Vendor No.	Description	Material ID
367179	M2100-48	M2100 48-port 2U Modular Patch Panel	760077842

## M2400

Anixter No.	Vendor No.	Description	Material ID
425034	M2400-1U-PS	U/UTP Flat Single-Row Modular Panel (UNJ500/600), 24 ports	760118315
425035	M2400A-1U-PS	U/UTP Angled Single-Row Modular Panel (UNJ500/600), 24 ports	760118331
425075	M2400-1U-GS	U/UTP Flat Single-Row Modular Panel (MGS400/500/600), 24 ports	760118323
425076	M2400A-1U-GS	U/UTP Angled Single-Row Modular Panel (MGS400/500/600), 24 ports	760118349

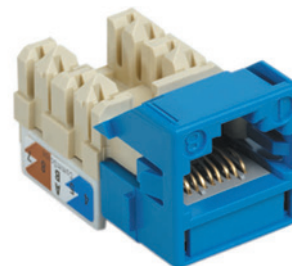
## ACCESSORIES

Anixter No.	Vendor No.	Description	Material ID
335204	760060392	Custom label kit - six rows of 12 labels	760060392
348443	760056408	MGS cover with strain relief 1,000/kit	760056408
348444	760069278	M2000 1U Cord Manager Kit	760069278
324304	M2000 CBLMGTBAR	M2000 Cable Management Bar	760054627

Anixter No.	Vendor No.	Description	Material ID
365857	760073486	2U Cord Manager Kit M2000 2U Cord Manager Kit	760073486
401269	760091504	Angled panel cover	760091504

## Uniprise 600 Series Category 6 Outlets

### COMMScope UNIPRISE SOLUTIONS



UNJ600 Category 6 Outlets deliver optimum performance to the work area. Proprietary design delivers excellent crosstalk (both NEXT and PSNEXT) margins with superior reliability. UNJ600 Category 6 outlets meet applicable safety standards and are available in 11 colors. UNJ600 outlets are required for Category 6 performance and are also compatible with standard RJ45 plugs.

### FEATURES

- Multicolored identification labels assure fast, accurate installation
- Universal terminations for T568A/B wiring schemes
- Low-profile wire cap protects against contamination and secure connections
- Can be mounted either at 90° (straight) or at 45° (angled). Angled feature eliminates the need for special faceplates or outlets
- Wide channel for enhanced conductor placement and termination
- Snap-on icons provided in strips of three: DATA, VOICE and BLANK
- D-Impact tool or wire cap can be used to terminate the wire conductor
- Fluke JackRapid Tool Compatible (10059-603)

Anixter No.	Vendor No.	Description	Material ID
279861	UNJ600-BK	Black	CC0020826/1
279883	UNJ600-OR	Orange	CC0020834/1
279884	UNJ600-YL	Yellow	CC0020842/1
279885	UNJ600-CM	Cream	CC0020859/1
279886	UNJ600-GR	Green	CC0020867/1
279887	UNJ600-IV	Ivory	CC0020875/1
279888	UNJ600-WH	White	CC0020883/1
279889	UNJ600-GY	Gray	CC0020891/1
279890	UNJ600-RD	Red	CC0020909/1
279891	UNJ600-BL	Blue	CC0020917/1
279892	UNJ600-VL	Violet	CC0020925/1



# CommScope Uniprise Solutions Copper

## Uniprise 500 Series Category 5e Outlets

COMMSCOPE UNIPRISE SOLUTIONS



### FEATURES

- Wide channel for enhanced conductor placement and termination
- Low-profile wire cap protects against contamination and loose connections
- Can be mounted either at 90 degrees (straight) or 45 degrees (angled). Angled features eliminates the need for special faceplates or outlets
- Universal terminations for T568A/B wiring schemes
- D-Impact tool or wire cap can be used to terminate the wire conductor
- Snap-on icons provided in strips of three: DATA, VOICE and BLANK
- Fluke JackRapid Tool compatible (10059-603)

Anixter No.	Vendor No.	Description	Material ID
279893	UNJ500-BK	Black	CC0020511/1
279894	UNJ500-OR	Orange	CC0020529/1
279895	UNJ500-YL	Yellow	CC0020537/1
279896	UNJ500-GR	Green	CC0020552/1
279897	UNJ500-IV	Ivory	CC0020560/1
279898	UNJ500-WH	White	CC0020578/1
279899	UNJ500-GY	Gray	CC0020586/1
279900	UNJ500-RD	Red	CC0020594/1
279901	UNJ500-BL	Blue	CC0021840/1
279902	UNJ500-CM	Cream	CC0020545/1
279903	UNJ500-VL	Violet	CC0021857/1

## Modular Faceplates

COMMSCOPE ENTERPRISE SOLUTIONS

The M10L, M12L, M13L, M14L and M16L are flush-mounted, U.S. standard, M-Series Modular Faceplates designed for use with one, two, three, four, or six M-Series information outlets (M1, MPS100E, MGS400 or MGS600). The M12L is duplex, the M13L is triplex and the M14L is quadplex. The faceplate outlet openings are numbered on both sides for installation and maintenance identification.

### FEATURES

- Designed for use with M-Series modular information outlets
- Faceplate outlet openings are numbered on both sides for installation and maintenance identification
- Includes faceplate, two mounting screws, and two label cards with covers (M10LW includes two studs for installing a wall-mount telephone)
- Optional M20AP or M81 Dust Covers/Blanks may be used to cover any unused outlets

### Technical Information & Standards

Dimensions:

Length: 4.6 in. (11.7 cm)

Width: 2.799 in. (7.11 cm)

Depth: 1.118 in. (0.76 cm)

Plastic: High-impact, flame-retardant, UL Rated 94V-0 thermoplastic

#### 1-PORT, SINGLE-GANG

Anixter No.	Vendor No.	Description	Material ID
197593	M10L-003	Black	108258401
197599	M10L-246	Ivory	108258419
197600	M10L-262	White	108258427
197601	M10L-270	Gray	108258435

#### 2-PORT, SINGLE-GANG

Ports are side by side

Anixter No.	Vendor No.	Description	Material ID
197602	M12L-003	Black	108168485
197603	M12L-246	Ivory	108168477
197604	M12L-262	White	108168469
197605	M12L-270	Gray	108168451

#### 2-PORT, SINGLE-GANG

Ports are vertical

Anixter No.	Vendor No.	Description	Material ID
169237	M12AP-246	Ivory	107276172
169238	M12AP-262	White	107276180

#### 3-PORT, SINGLE-GANG

Anixter No.	Vendor No.	Description	Material ID
197606	M13L-003	Black	108168527
197607	M13L-246	Ivory	108168519
197608	M13L-262	White	108168501
197609	M13L-270	Gray	108168493

#### 4-PORT, SINGLE-GANG

Anixter No.	Vendor No.	Description	Material ID
197611	M14L-003	Black	108168568
197612	M14L-246	Ivory	108168550
197613	M14L-262	White	108168543
197614	M14L-270	Gray	108168535

#### 6-PORT, SINGLE-GANG

Anixter No.	Vendor No.	Description	Material ID
197615	M16L-003	Black	108168600
197617	M16L-246	Ivory	108168592
197619	M16L-262	White	108168584
197620	M16L-270	Gray	108168576

#### 8-PORT, DOUBLE-GANG

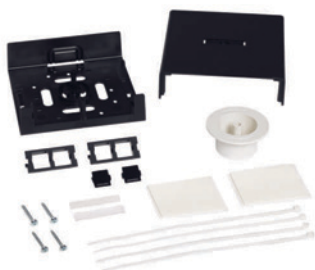
Anixter No.	Vendor No.	Description	Material ID
222683	M28L-003	Black	108685009
222684	M28L-246	Ivory	108685017
222685	M28L-262	White	108685025
222686	M28L-270	Gray	108685033



# CommScope Uniprise Solutions Copper

## M200 Series Surface-mount Boxes

COMMScope ENTERPRISE SOLUTIONS



200 Series Standard Surface-mount Boxes are designed for interior surface-mount applications and can support copper and fiber terminations. All information outlets simply snap into place. The 2-, 4- and 8-port boxes are UL Rated and available in four standard colors. The 200 Series surface-mount boxes can support new-generation, larger-diameter data cables and offer multiple cable entrances through the base and/or sides.

They are equipped with the corresponding number of dust covers and two-port adapters. These adapters support two M-Series outlets each. A variety of other adapters are available but not included to configure LC, ST, and SC fiber couplers, VGA, S-Video, coax, BNC and RCA couplers.

### FEATURES

- Support a wide range of applications and configurations using the following snap-in components: 8-position modular outlets, RCA adapters, S-Video outlets, BNC adapters, VGA adapters and coaxial couplers
- Can support new-generation, larger-diameter data cables
- Cable entrances available through the base and/or sides
- Can mount to solid surfaces or single-gang electrical boxes
- Easy front access to outlets, adapters and couplers
- Includes dust covers, cable ties, labels/label holders, adhesive-backed Velcro, double-sided tape and screws
- Comes with label and label cover as well as a smooth surface for labeling the front of the enclosure
- Snap-in fiber spool is included to assist with fiber management (does not apply to the M202SMB and M204ASMB)
- Material: plastic

### 2-PORT

Anixter No.	Vendor No.	Description	Material ID
332692	M202SMB-246	Ivory	760057356
332693	M202SMB-262	White	760057331
332694	M202SMB-270	Gray	760057364
332695	M202SMB-003	Black	760057349

### 4-PORT

Anixter No.	Vendor No.	Description	Material ID
323869	M204SMB-246	Ivory	760045013
323870	M204SMB-262	White	760044990
323871	M204SMB-270	Gray	760045021
323868	M204SMB-003	Black	760045005

### 8-PORT

Anixter No.	Vendor No.	Description	Material ID
332699	M208SMB-246	Ivory	760057430
332700	M208SMB-262	White	760057414
332701	M208SMB-270	Gray	760057448
332702	M208SMB-003	Black	760057422

## M81BNC Modular BNC Coupler Module

COMMScope UNIPRISE SOLUTIONS



The M81BNC is an M-Series Modular BNC Coupler Module designed for data applications. It can be mounted in any of the M-Series modular faceplates, surface-mount boxes or mounting collars. The M81BNC now comes with four collars (black, ivory, white and gray).

### Technical Information & Standards

Dimensions:

Height: 0.69 in. (17 mm)

Width: 0.73 in. (18 mm)

Depth: 0.69 in. (17 mm)

Anixter No.	Vendor No.	Description	Material ID
191307	M81BNC-B	Modular BNC Coupler Module	108009424

# CommScope Uniprise Solutions Copper

## Uniprise UNC6 Patch Cords - Category 6

COMMSCOPE UNIPRISE SOLUTIONS



Uniprise Category 6 patch cords are high-performance UTP components available in a broad range of lengths and easy-to-trace colors. They are designed to meet or exceed all Category 6 specifications, yet are fully backward compatible with Category 5e and lower systems. 24 AWG conductors are securely mated with a patented RJ45 plug design to deliver superior electrical performance with excellent repeatability. The unique ant snagging feature simplifies removal and replacement of patch cords.

### FEATURES

- Narrow boot/strain relief
- Supports high-density installations
- Cord fits into narrow jack locations
- Uniform appearance between the Cat 6 and Cat 5e patch cords
- High performance
- Maintains Uniprise channel performance
- Strong component performance - supporting "open architecture"
- Exceeds cordage requirements of ANSI/TIA-568-B.2-1 and ISO/IEC 11801
- Packaging enhancements
- Easy-to-open perforated edge
- Hang tabs for retail display
- Supports automated inventory management/UPC bar code included
- Available in nine standard colors and 10 standard lengths

### Technical Information & Standards

Meets/exceeds:

- Category 6/Class E requirements of ISO/IEC 11801, CENELEC EN50173-1 and ANSI/TIA-568-B.2-1
- ETL/cETL Listed

#### 3 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM03-COMC6-01	UNC6-WH-3F	White	UC1BBB2-08F003
MM03-COMC6-06	UNC6-BL-3F	Blue	UC1BBB2-0ZF003
MM03-COMC6-09	UNC6-GY-3F	Gray	UC1BBB2-0CF003

#### 5 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM05-COMC6-01	UNC6-WH-5F	White	UC1BBB2-08F005
MM05-COMC6-06	UNC6-BL-5F	Blue	UC1BBB2-0ZF005
MM05-COMC6-09	UNC6-GY-5F	Gray	UC1BBB2-0CF005

#### 7 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM07-COMC6-01	UNC6-WH-7F	White	UC1BBB2-08F007
MM07-COMC6-06	UNC6-BL-7F	Blue	UC1BBB2-0ZF007
MM07-COMC6-09	UC1BBB2-0CF007	Gray	UC1BBB2-0CF007

#### 10 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM10-COMC6-01	UNC6-WH-10F	White	UC1BBB2-08F010
MM10-COMC6-06	UNC6-BL-10F	Blue	UC1BBB2-0ZF010
MM10-COMC6-09	UNC6-GY-10F	Gray	UC1BBB2-0CF010

#### 12 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM12-COMC6-01	UNC6-WH-12F	White	UC1BBB2-08F012
MM12-COMC6-06	UNC6-BL-12F	Blue	UC1BBB2-0ZF012
MM12-COMC6-09	UNC6-GY-12F	Gray	UC1BBB2-0CF012

#### 15 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM15-COMC6-01	UNC6-WH-15F	White	UC1BBB2-08F015
MM15-COMC6-06	UNC6-BL-15F	Blue	UC1BBB2-0ZF015
MM15-COMC6-09	UNC6-GY-15F	Gray	UC1BBB2-0CF015

#### 20 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM20-COMC6-01	UNC6-WH-20F	White	UC1BBB2-08F020
MM20-COMC6-06	UNC6-BL-20F	Blue	UC1BBB2-0ZF020
MM20-COMC6-09	UNC6-GY-20F	Gray	UC1BBB2-0CF020

#### 50 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM50-COMC6-01	UNC6-WH-50F	White	UC1BBB2-08F050
MM50-COMC6-06	UNC6-BL-50F	Blue	UC1BBB2-0ZF050
MM50-COMC6-09	UNC6-GY-50F	Gray	UC1BBB2-0CF050

Available in nine colors: gray, white, blue, green, yellow, violet, black, red and orange. All lengths: 1-100 feet/1-30 meters

# CommScope Uniprise Solutions Copper

## Uniprise UNC5 Patch Cords - Category 5e

COMMSCOPE UNIPRISE SOLUTIONS



The UNC5 Patch Cord utilizes a stranded cable terminated with RJ45 plugs. This equipment cord has high performance with lower variability. It supports Ultra II and DataPipe solutions and Category 5e solutions.

### FEATURES

- Narrow boot/strain relief
- Supports high-density installations
- Cord fits into narrow jack locations
- Uniform appearance between the Cat 6 and Cat 5e patch cords
- High-performance
- Maintains Uniprise channel performance
- Strong component performance - supporting "open architecture"
- Exceeds cordage requirements of ANSI/TIA-568-B.2 and ISO/IEC 11801
- Packaging enhancements
- Easy-to-open perforated edge
- Hang tabs for retail display
- Supports automated inventory management/UPC bar code included
- Available in nine standard colors and 10 standard lengths

### Technical Information & Standards

Meets/exceeds:

- Category 5e/Class D requirements of ISO/IEC IS11801, CENELEC EN50173 and ANSI/TIA-568-B.2
- UL Listed

#### 3 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM03-COMC5E-01	UNC5-WH-3F	White	UC1DDD2-08F003
MM03-COMC5E-06	UNC5-BL-3F	Blue	UC1DDD2-0ZF003
MM03-COMC5E-09	UNC5-GY-3F	Gray	UC1DDD2-0CF003

#### 5 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM05-COMC5E-01	UNC5-WH-5F	White	UC1DDD2-08F005
MM05-COMC5E-06	UNC5-BL-5F	Blue	UC1DDD2-0ZF005
MM05-COMC5E-09	UNC5-GY-5F	Gray	UC1DDD2-0CF005

#### 7 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM07-COMC5E-01	UNC5-WH-7F	White	UC1DDD2-08F007
MM07-COMC5E-06	UNC5-BL-7F	Blue	UC1DDD2-0ZF007
MM07-COMC5E-09	UNC5-GY-7F	Gray	UC1DDD2-0CF007

#### 10 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM10-COMC5E-01	UNC5-WH-10F	White	UC1DDD2-08F010
MM10-COMC5E-06	UNC5-BL-10F	Blue	UC1DDD2-0ZF010
MM10-COMC5E-09	UNC5-GY-10F	Gray	UC1DDD2-0CF010

#### 12 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM12-COMC5E-01	UNC5-WH-12F	White	UC1DDD2-08F012
MM12-COMC5E-06	UNC5-BL-12F	Blue	UC1DDD2-0ZF012
MM12-COMC5E-09	UNC5-GY-12F	Gray	UC1DDD2-0CF012

#### 15 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM15-COMC5E-01	UNC5-WH-15F	White	UC1DDD2-08F015
MM15-COMC5E-06	UNC5-BL-15F	Blue	UC1DDD2-0ZF015
MM15-COMC5E-09	UNC5-GY-15F	Gray	UC1DDD2-0CF015

#### 20 FOOT LENGTHS

Anixter No.	Vendor No.	Description	Material ID
MM20-COMC5E-01	UNC5-WH-20F	White	UC1DDD2-08F020
MM20-COMC5E-06	UNC5-BL-20F	Blue	UC1DDD2-0ZF020
MM20-COMC5E-09	UNC5-GY-20F	Gray	UC1DDD2-0CF020

#### 50 FOOT LENGTHS

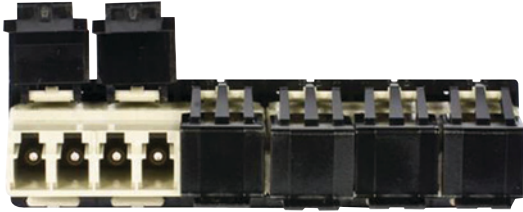
Anixter No.	Vendor No.	Description	Material ID
MM50-COMC5E-01	UNC5-WH-50F	White	UC1DDD2-08F050
MM50-COMC5E-06	UNC5-BL-50F	Blue	UC1DDD2-0ZF050
MM50-COMC5E-09	UNC5-GY-50F	Gray	UC1DDD2-0CF050

Available in nine colors: gray, white, blue, green, yellow, violet, black, red and orange. All lengths: 1-100 feet / 1-30 meters

# CommScope SYSTIMAX Solutions Fiber

## Fixed Termination/Splice Shelf

COMMSCOPE ENTERPRISE SOLUTIONS



The RFE-FXG-EMT/1U is a frame-mounted, fixed-position shelf that is designed to accommodate up to 48 LC, 24 ST or 24 SC adapters. The shelf can also be used as a splice unit to store 32 Single Fusion Splices, 24 Mechanical Splices or 12 Mass Fusion Splices with the addition of the appropriate splice holders. The overall dimension of the shelf is 1.75 in. (44 mm) high, 17.2 in. (437 mm) wide, and 8 in. (203 mm) deep and requires 1 rack-unit height.

### FEATURES

- Replaces the RFE-FXC and FXD 1U shelves
- Front trough is available for jumper management
- Ganged adapters sold in singles and 10 packs
- Shelf comes empty with slots for four ganged adapters
- Four ganged adapters of any combination can be used
- Shelves are available with adapters installed
- A protective transparent plastic cover for the tray area is included

### SHELF

Anixter No.	Vendor No.	Description
318282	RFE-FXG-EMT/1U	Rack-mount fixed shelf, 1U, empty, slots for ganged adapters

### SPLICE HOLDERS

Anixter No.	Vendor No.	Description
316286	SPT-FXS-MFS-HLD/1U	Supplemental Mass Fusion Splice Holders/Organizers - Pack of two for 1U Shelf
316287	SPT-FXS-SFS-HLD/1U	Supplemental Single Fusion Splice Holders/Organizers - Pack of two for 1U Shelf

### GANGED ADAPTERS

Anixter No.	Vendor No.	Description
259618	MFA-LC12-AQ-SHUTTERED	MM LC simplex/duplex ganged adapter, snap-in, aqua
251646	MFA-LC12-AQ-10-BULK-PACK-SHUTT	MM LC simplex/duplex ganged adapter, snap-in, aqua, pack of 10
259605	MFA-LC12-BG-SHUTTERED	MM LC simplex/duplex ganged adapter, snap-in, beige
213821	MFA-LC12-BG-10-BULK-PACK-SHUTT	MM LC simplex/duplex ganged adapter, snap-in, beige, pack of 10

Anixter No.	Vendor No.	Description
259619	MFA-SC06-AQ-SHUTTERED	MM SC simplex/duplex ganged adapter, snap-in, aqua
219273	MFA-SC06-AQ-10-BULK-PACK-SHUTT	MM SC simplex/duplex ganged adapter, snap-in, aqua, pack of 10
259614	MFA-SC06-BG-SHUTTERED	SC with 12 slots for six simplex multimode adapters
215355	MFA-SC06-BG-10-BULK-PACK-SHUTT	MM SC simplex/duplex ganged adapter, snap-in, beige, pack of 10
259621	MFA-ST06-AQ-SHUTTERED	MM ST simplex/duplex ganged adapter, snap-in, aqua
259617	MFA-ST06-BG-SHUTTERED	MM ST simplex/duplex ganged adapter, snap-in, beige
215358	MFA-ST06-BG-10-BULK-PACK-SHUTT	MM ST simplex/duplex ganged adapter, snap-in, beige, pack of 10
433448	SFA-SC06-BL-SHUTTERED	TeraSPEED SC multiport shuttered adapter, blue, single pack
440886	MFA-ST06-AQ-10-BULK-PACK-SHUTT	MM ST simplex/duplex ganged adapter, snap-in, aqua, pack of 10
440887	SFA-SC06-BL-10-BULK-PACK-SHUTT	SM SC simplex/duplex ganged adapter, snap-in, blue
440888	SFA-ST06-BL-10-BULK-PACK-SHUTT	SM ST simplex/duplex ganged adapter, snap-in, blue, pack of 10

## 360G2 Modular System

COMMSCOPE SYSTIMAX SOLUTIONS

The 360 G2 shelves are designed to accept InstaPATCH 360 modules as well as being used for traditional G2 connectivity. This shelf is the Next Generation (G2) high-capacity, high-density fiber shelf. It has a unique design that brings all features and benefits of the 360 G2 shelves for use in the InstaPATCH 360 product line. The modular system also features interchangeable modules as well as splices.

### EMPTY MODULAR SHELVES



Features the elegant 360 SYSTIMAX design. Offered in fixed and sliding options. Available in 1U, 2U and 4U sizes. The 360G2 1U Modular Shelf is available in iPatch-Ready versions (field-upgradable to iPatch without the need to remove patch cords, meaning no network downtime) or factory-assembled iPatch versions.

## CommScope SYSTIMAX Solutions Fiber

Anixter No.	Vendor No.	Description	Material ID
431280	360G2-4U-MOD-FX-16	360G2 Fixed 4U Shelf, accepts 16 360DM/360DP/360G2 Cartridges	760110064
390409	360G2-4U-MOD-SD	360G2 Sliding 4U Shelf, accepts 12 360DM/360DP/360G2 Cartridges	760101071
390408	360G2-4U-MOD-FX	360G2 Fixed 4U Shelf, accepts 12 360DM/360DP/360G2 Cartridges	760101055
390402	360G2-2U-MOD-SD	360G2 Sliding 2U Shelf, accepts eight 360DM/360DP/360G2 Cartridges	760103143
390401	360G2-2U-MOD-FX	360G2 Fixed 2U Shelf, accepts eight 360DM/360DP/360G2 Cartridges	760103168
390394	360G2-1U-MOD-SD	360G2 Sliding 1U Shelf, accepts four 360DM/360DP/360G2 Cartridges	760103085
440591	360G2-1U-MOD-IS	360G2 1U Internal Sliding Shelf, accepts four Modules	760119123
390393	360G2-1U-MOD-FX	360G2 Fixed 1U Shelf, accepts four 360DM/360DP/360G2 Cartridges	760103150

## LAZRSPEED CARTRIDGES



Anixter No.	Vendor No.	Description	Material ID
396689	360G2 CARTRIDGE 12-LC-LS-AQ	360G2 Cartridge 12 LC LazrSPEED (50/125) aqua	760109256
396698	360G2 CARTRIDGE 6-SC-LS-AQ	360G2 Cartridge six SC LazrSPEED (50/125) aqua	760109298
396710	360G2 CARTRIDGE 6-ST-LS-AQ	360G2 Cartridge six ST LazrSPEED aqua	760109330

## OPTISPEED CARTRIDGES



Anixter No.	Vendor No.	Description	Material ID
396691	360G2 CARTRIDGE 12-LC-MM-BG	360G2 Cartridge 12 LC OptiSPEED (62.5/125) beige	760109264
396701	360G2 CARTRIDGE 6-SC-MM-BG	360G2 Cartridge six SC OptiSPEED (62.5/125) beige	760109306
396713	360G2 CARTRIDGE 6-ST-MM-BG	360G2 Cartridge six ST OptiSPEED beige	760109348

## TERASPEED CARTRIDGES

Anixter No.	Vendor No.	Description	Material ID
396693	12-LC-SM-BL	360G2 Cartridge 12 LC TeraSPEED blue	760109272
396704	360G2 CARTRIDGE 6-SC-SM-BL	360G2 Cartridge six SC TeraSPEED blue	760109314
396716	360G2 CARTRIDGE 6-ST-SM-BL	360G2 Cartridge six ST TeraSPEED blue	760109355

## ROLOSPICE

Anixter No.	Vendor No.	Description	Material ID
310184	RS-00	Empty RoloSplice, accepts four splice trays	760027516
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RoloSplice kit with two fusion splice trays	760039867
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SS	RoloSplice equipped with 4X fusion splice tray	760031856



# CommScope SYSTIMAX Solutions Fiber

## 360G2 Panel System

### COMMScope SYSTIMAX SOLUTIONS

Bend limiters maximize space by integrating into the shelf trough. Pull-/push-style latch on the front trough door improves access to shelf interior. Unique open-floor trough design enhances access for patch cord latching and de-latching. Displays intuitively placed port labeling when door is open. Features the elegant SYSTIMAX 360 design. Offered in fixed and sliding options. Available in 1RU and 2RU sizes.

#### 360G2 SHELVES

Anixter No.	Vendor No.	Description	Material ID
<b>395535</b>	360G2-1U-UP-FX	1U fixed without faceplate shelf	760103176
<b>395536</b>	360G2-1U-UP-SD	1U sliding without faceplate shelf	760103184

#### PANELS

Anixter No.	Vendor No.	Description	Material ID
<b>310209</b>	G2-1U-24LC-DPLX-EMT	Takes 24 duplex LC adapters	760033845
<b>310210</b>	G2-1U-24LC-SPLX-EMT	Takes 24 simplex LC adapters	760033852
<b>310211</b>	G2-1U-24SC-DPLX-EMT	Takes 24 duplex SC adapters	760033860
<b>310213</b>	G2-1U-24SC-SPLX-EMT	Takes 24 simplex SC adapters	760033886
<b>310212</b>	G2-1U-12SC-DPLX-EMT	Takes 12 duplex SC adapters	760033878
<b>310214</b>	G2-1U-12SC-SPLX-EMT	Takes 12 simplex SC adapters	760033894
<b>310215</b>	G2-1U-24ST-SPLX-EMT	Takes 24 simplex ST adapters	760033902
<b>310216</b>	G2-1U-12ST-SPLX-EMT	Takes 12 simplex ST adapters	760033910

#### 360G2 MODULAR DISTRIBUTION PANELS

The LC Modular Distribution Panels are iPatch Ready, thus allowing a network system to be upgraded with intelligence in the future. These 360G2 Cartridges and Bezels are reverse compatible with current 100G2 and 600G2 MOD Shelves. It supports easy configurations for moves, adds and changes. Also, no special fiber patch cords are required for the iPatch-Ready field upgrade and no fiber disconnects to install the iPatch-Ready field upgrade.

Anixter No.	Vendor No.	Description	Material ID
<b>414564</b>	360DP-24LC-LS	Distribution Panel 24 LC LazrSPEED	760115907
<b>425361</b>	360DP-24LC-MM	Distribution Panel 24 LC OptiSPEED	760115923
<b>396677</b>	360DP-12LC-LS	Distribution Panel 12 LC LazrSPEED, iPatch Ready	760109363
<b>396678</b>	360DP-12LC-MM	Distribution Panel 12 LC OptiSPEED, iPatch Ready	760109371
<b>396679</b>	360DP-12LC-SM	Distribution Panel 12 LC TeraSPEED, iPatch Ready	760109389
<b>431275</b>	360DP-12SC-LS	Distribution Panel 12 SC LazrSPEED	760134551

Anixter No.	Vendor No.	Description	Material ID
<b>431276</b>	360DP-12SC-MM	Distribution Panel 12 SC OptiSPEED	760134569
<b>431277</b>	360DP-12SC-SM	Distribution Panel 12 SC TeraSPEED	760135087
<b>431278</b>	360DP-12SCA-SM	Distribution Panel, Angled, 12 SC TeraSPEED	760135095
<b>396680</b>	360DP-12LCA-SM	Distribution Panel 12 LC TeraSPEED, iPatch-Ready	760109751
<b>396682</b>	360DP-6SC-LS	Distribution Panel six SC LazrSPEED	760109397
<b>396683</b>	360DP-6SC-MM	Distribution Panel six SC OptiSPEED	760109405
<b>396686</b>	360DP-6ST-LS	Distribution Panel six ST LazrSPEED	760109000
<b>396687</b>	360DP-6ST-MM	Distribution Panel six ST OptiSPEED	760109439
<b>401205</b>	360DP-2MPO	Distribution Panel two MPO	760107490
<b>401206</b>	360DP-4MPO	Distribution Panel four MPO	760107508
<b>401207</b>	360DP-6MPO	Distribution Panel six MPO	760107516
<b>401208</b>	360DP-8MPO	Distribution Panel eight MPO	760107524

#### ROLOSPICE

Anixter No.	Vendor No.	Description	Material ID
<b>310184</b>	RS-00	Empty RoloSplice, accepts four splice trays	760027516
<b>310186</b>	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
<b>310187</b>	RS-2AF-16SF	RoloSplice kit with two fusion splice trays	760039867
<b>310183</b>	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
<b>310329</b>	RS-4AF-16SS	RoloSplice equipped with 4X fusion splice tray	760031856

# CommScope SYSTIMAX Solutions Fiber

## 360 Ultra High-Density Solution (UHD) - Fiber Splicing Shelves

### COMMSCOPE SYSTIMAX SOLUTIONS

With installation and maintenance of structured cabling systems in data center environments rising significantly due to growth in storage area network (SAN) applications and the increased need to maximize floor and shelf space, CommScope has expanded its SYSTIMAX 360 Ultra High Density Fiber Solution to incorporate multiple LC pass-thru panels as well as splicing capabilities. This new capability enables data center managers to efficiently and cost-effectively evolve their SANs through a turnkey solution update rather than a rip-and-replace. The latest addition to the SYSTIMAX 360 UHD fiber solution accommodates up to 144 LC connections in a 1U space by either splicing on LC pigtails or using existing LC terminated trunk cables, helping data center managers optimize their IT environments for SAN applications. In addition to the MPO preterminated solutions previously announced, the expanded SYSTIMAX 360 UHD solution now supports factory and field termination preferences while utilizing the network infrastructure's existing LC connectivity backbone to improve flexibility.

### FEATURES

- UHD 1U shelf can be used with preterm MPO fiber cable trunks, LC-terminated trunks or LC pigtails spliced onto raw cable
- LC pass-thru panels sold individually or with splice trays in preloaded shelves
- Splicing capacity matches port capacity (72 duplex LC ports or 144 fibers)
- Orderable UHD 1U splice shelf preloaded with three LC pass-thru panels for LazrSPEED or TeraSPEED for up to 72 duplex LC ports and three 48-fiber splice trays with clear covers
- Orderable UHD 1U splice shelf preloaded with three LC pass-thru panels for LazrSPEED or TeraSPEED with 24 duplex LC ports (48 fibers)
- Orderable stand-alone splice tray kit containing one 48 splice tray with clear cover and two splice holders
- Each splice tray accepts up to 48 fusion splices with standard 40 or 60 mm long heat-shrink splice protectors
- Orderable stand-alone splice holder kit containing two fusion splice holders and mounting tape; each splice holder accepts up to 24 splices
- Orderable shelf stabilizer kit contains adjustable brackets that attach the rear of the shelf to the back two posts of four-post racks or cabinets and provide additional rigidity to the UHD shelf installation

### MPO PRETERMINATED SHELVES

Anixter No.	Vendor No.	Description	Material ID
424948	3603D-1U-144LC-LS-A	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, LazrSPEED, Polarity A	760136457
427022	3603D-1U-144LC-LS-B	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, LazrSPEED, Polarity B	760136465

Anixter No.	Vendor No.	Description	Material ID
424950	3603D-1U-144LC-SM-A	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, TeraSPEED, Polarity A	760136432
427023	3603D-1U-144LC-SM-B	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, TeraSPEED, Polarity B	760136440

### PRELOADED SHELVES FOR MPO AND LC TRUNKS

Anixter No.	Vendor No.	Description	Material ID
437462	3603D-1U-144LC-LS-P	UHD Fiber Shelf with three Ultra High-Density Adapter Panels (48-fiber, LC, LazrSPEED)	760139675
437465	3603D-1U-144LC-SM-P	UHD Fiber Shelf with three Ultra High-Density Adapter Panels (48-fiber, LC, TeraSPEED)	760139683
427024	3603D-1U-72MPO	UHD Fiber Shelf with three InstaPATCH 360 24-Port MPO Adapter Panels	760136473

### UNPOPULATED SHELVES AND MODULES

Anixter No.	Vendor No.	Description	Material ID
420337	3603D-1U-UP	UHD Fiber Shelf, 1U, empty	760110999
420338	3603M-48LC-LS	InstaPATCH 360 Ultra High-Density Module 48-f LC LazrSPEED	760111013
420340	3603M-48LC-SM	InstaPATCH 360 Ultra High-Density Module 48-f LC TeraSPEED	760111039
437466	3603P-48LC-LS	SYSTIMAX 360 Ultra High-Density Adapter Panel, 48-fiber, LC, LazrSPEED	760111088
437467	3603P-48LC-SM	SYSTIMAX 360 Ultra High-Density Adapter Panel, 48-fiber, LC, TeraSPEED	760111104
424328	3603P-24MPO	SYSTIMAX 360 Ultra High-Density Adapter Panel, 24 x MPO	760111153
420339	CMS-2-02	Fiber Cord Management Sleeve	760112003

# CommScope SYSTIMAX Solutions Fiber

## Intelligent Infrastructure Solutions - imVision

### COMMSCOPE SYSTIMAX SOLUTIONS

#### imVision. Infrastructure Management. Made Easy.

imVision is the intelligent approach to infrastructure management that gives you unprecedented control over your network and the flexibility you need to thrive in today's business landscape. It's more than a smart IT solution; it also makes good business sense. Your imVision investment can quickly pay for itself through reduced downtime, energy and maintenance costs.

#### imVision combines intelligent software and hardware, enabling you to:

- Ensure tighter security throughout your network
- Locate devices and problems on your network in less than 60 seconds
- Enhance change-management
- Simplify audits and compliance
- Improve process efficiency
- Increase operational efficiency, uptime and productivity
- Monitor and control all sites globally from one location
- Automate existing workflow

The SYSTIMAX imVision solution provides you with improved network visibility, allowing you to track the physical locations of all networked devices, such as desktop and laptop computers, wireless access points, IP phones and IP cameras, all in real time. In 60 seconds, you can pinpoint faults and expedite troubleshooting measures to minimize downtime.

#### FEATURES

- 4.3 in. (10.9 cm) multicolor touch screen interface with Activity LED
- Compatible with RM+ (v2 & v3), Panel Manager, Network Manager
- Supports existing iPatch copper panels and fiber optic shelves
- Preassembled
- Integrated (adjustable) horizontal cable management
- Display slides up/down for easy access to cords in tight spaces
- USB-attached display
- Includes PDU adapter
- Dual power inputs for redundancy
- Combines the functionality of Panel Manager and Network Manager into a single unit

#### Technical Information & Standards

GigaSPEED:

ANSI/TIA Category 6- and 6A-compliant

#### INFRASTRUCTURE CONTROL SYSTEMS

Anixter No.	Vendor No.	Description	Material ID
390419	360-IP-PANEL-MGR	360 iPatch Panel Manager	760095562
403140	360-IP-NET-MGR-MOD	SYSTIMAX iPatch Network Manager Module	760105353

#### 360 IPATCH G2 HIGH DENSITY FIBER SHELF

The 360 iPatch G2 High Density Fiber Shelf accommodates 72 duplex LC ports (144 fibers) in 2U space. It is available empty, with the ability to be populated with 1, 2, or 3 preterminated modules from LazrSPEED, TeraSPEED or OptiSPEED Solutions. It supports Alpha or Beta Installations and features the elegant SYSTIMAX 360 design.

Anixter No.	Vendor No.	Description	Material ID
390412	360-IP-HD-2U-IP-SD	360 iPatch G2 HD fiber shelf, wide	760093336
390413	360-IP-HD-MOD-LC-LS	360 iPatch G2 HD LS Module	760093344
390414	360-IP-HD-MOD-LC-LS-3	360 iPatch G2 HD LS Module (3-pack)	760093351
390415	360-IP-HD-MOD-LC-TS	360 iPatch G2 HD TS Module	760093369
390416	360-IP-HD-MOD-LC-TS-3	360 iPatch G2 HD TS Module (3-pack)	760093377
390417	360-IP-HD-MOD-LC-OS	360 iPatch G2 HD OS Module	760093385
390418	360-IP-HD-MOD-LC-OS-3	360 iPatch G2 OS Module (3-pack)	760093393

#### IPATCH INTELLIGENT FIBER OPTIC SHELVES

Anixter No.	Vendor No.	Description	Material ID
390395	360-IP-G2-1U-LC-FX	24-port, 1U, fixed	760105163
390396	360-IP-G2-1U-LC-SD	24-port, 1U, sliding	760105171
390405	360-IP-UP-KIT-G2-LC	360 iPatch Upgrade Kit for 360G2-1U-MOD shelves with LC cassettes	760105148
266264	IP-600A-12-SC-MMF	12-port duplex SC multimode Intelligent Fiber Shelf with fixed tray, phosphor bronze	760005595
266291	IP-600B-12-SC-MMF	12-port duplex SC multimode Intelligent Fiber Shelf with sliding tray, phosphor bronze	760005629
266287	IP-600A-12-SC-SMF	12-port duplex SC single-mode Intelligent Fiber Shelf with fixed tray, phosphor bronze	760010777
266294	IP-600B-12-SC-SMF	12-port duplex SC single-mode Intelligent Fiber Shelf with sliding tray, phosphor bronze	760010785

#### IPATCH INTELLIGENT PRETERMINATED FIBER OPTIC SHELVES

Anixter No.	Vendor No.	Description	Material ID
325426	IP-PTF-12-SC-LS	Preterminated 12-port duplex SC LazrSPEED Intelligent Fiber Shelf	760038513
374025	IP-PTF-12-SC-OS	Preterminated 12-port duplex SC OptiSPEED Intelligent Fiber Shelf	760066183
325427	IP-PTF-12-SC-TS	Preterminated 12-port duplex SC TeraSPEED Intelligent Fiber Shelf	760038521
414699	360-IP-INSTA-LC-40S	360 iPatch InstaPatch LC, four OS Modules	760117424

## CommScope SYSTIMAX Solutions Fiber

Anixter No.	Vendor No.	Description	Material ID
414697	360-IP-INSTA-LC-4LS	360 iPatch InstaPatch LC, four LazrSPEED Modules	760117432
414698	360-IP-INSTA-LC-4TS	360 iPatch InstaPatch LC, four TeraSPEED Modules	760117440

## IPATCH INTELLIGENT COPPER PATCH PANELS

Anixter No.	Vendor No.	Description	Material ID
438196	360-IP-1100-E-GS3-1U-24	360 iPatch 1100GS3 Evolve 24-port panel	760152355
438197	360-IP-1100-E-GS3-2U-48	360 iPatch 1100GS3 Evolve 48-port panel	760152330
432507	360-IP-PMAX-GS3-24	360 iPatch PATCHMAX GS3 Panel, 24-port	760123489
432509	360-IP-PMAX-GS3-48	360 iPatch PATCHMAX GS3 Panel, 48-port	760123497
438203	360-IP-UP-KIT-E + PMAX-48	360 iPatch Upgrade Kit Evolve and PATCHMAX 48-port, 5 pack	760152298
438204	360-IP-UP-KIT-PMAX-2U-24	360 iPatch Upgrade Kit PATCHMAX 2U, 24-port, 10 pack	760152306
389117	360-IP-UP-KIT-1100-24	360 iPatch Upgrade Kit for 360 1100 24-port panel	760104992
390262	360-IP-UP-KIT-1100-48	360 iPatch Upgrade Kit for the 360 1100 48-port panel	760105015
359989	IP-M4200I-24	iPatch M4200i 24-port Intelligent Universal Modular Panel without modules	760073866
438201	360-IP-MFTP-E-HD6B-1U-24	360 iPatch Evolve High Density F/UTP Modular Panel, 24-port	760152371
438835	360-IP-MFTP-E-HD6B-2U-48	360 iPatch Evolve High Density F/UTP Modular Panel, 48-port	760152389
438199	360-IP-1100-E-GS6-1U-24	360 iPatch 1100GS6 Evolve 24-port panel	760152363
438200	360-IP-1100-E-GS6-2U-48	360 iPatch 1100GS6 Evolve 48-port panel	760152348
438834	360-IP-PMAX-GS6-48	360 iPatch PATCHMAX GS6 48-port panel	760130401

## INFRASTRUCTURE OPERATIONS SOFTWARE

System Manager Basic - downloadable for no charge for registered Intelligence-Enabled deployments.

Anixter No.	Vendor No.	Description	Material ID
396722	IP-SYS-MGR-BASIC	iPatch System Manager Basic	DOWNLOAD
396660	IP-SYS-MGR-EE-2K	iPatch System Manager Enterprise up to 2,000 ports	760111187
396661	IP-SYS-MGR-EE-10K	iPatch System Manager Enterprise up to 10,000 ports	760111195
367191	IP-SYS-MGR-EE-UNL	iPatch System Manager Enterprise Unlimited	760090068
396662	IP-SYS-MGR-UPG-2-10	iPatch System Manager Upgrade, 2K to 10K	760111203
396663	IP-SYS-MGR-UPG-10-UNL	iPatch System Manager Upgrade 10K to unlimited	760111229
396664	IP-SYS-MGR-UPG-2-UNL	iPatch System Manager Upgrade, 2K to unlimited	760111211

## SYSTEM INTEGRATIONS

Anixter No.	Vendor No.	Description	Material ID
367194	IP-SYS-MGR-ELS-INT	iPatch System Manager Enhanced Location Service for Emergency Response	760083402
367195	IP-SYS-MGR-OPC-INT	iPatch System Manager OPC Integration	760083410

## Surface Mount Enclosure (SME) for Fiber Optic Applications

## COMMScope SYSTIMAX SOLUTIONS



SYSTIMAX Solutions' Surface Mount Enclosure is used for a combination of splicing and termination of fiber optic building cables, outside-plant (OSP) cables or InstaPATCH Plus installations. The enclosure can be used for combined termination and splicing for up to 96 fibers depending on adapter type and configuration and the enclosure can be configured for multiple adapter applications.

The SME boxes are wall-mounted enclosures that are designed to accommodate terminations of up to 96 LC fibers or 48 SC or ST fibers. The enclosures can also be used as splice units to store 96 single fusion splices, 72 mechanical splices with the addition of the appropriate splice holders. The overall dimensions of the shelf are 11 in. (279 mm) high, 13 in. (330 mm) wide and 3.7 in. (94 mm) deep.

Continued on next page >>

(continued) Surface Mount Enclosure (SME) for Fiber Optic Applications

- Two models are offered, one for four 1000 Series panels or InstaPATCH Plus modules and one for four G2 cartridges or panels
- Security covers for behind-the-wall (BTW) and patch side
- Mount on wall at various orientations
- User access and behind-the-wall access are independently secured with separate padlocks (not included)
- Cable mounting with strain-relief fitting
- Fiber cable protection on patch side
- RoloSplice kits available
- Cable clamp compatible (not included)

Anixter No.	Vendor No.	Description	Material ID
353266	SME-4-G2	Configured for four G2 modules or panels	760060426

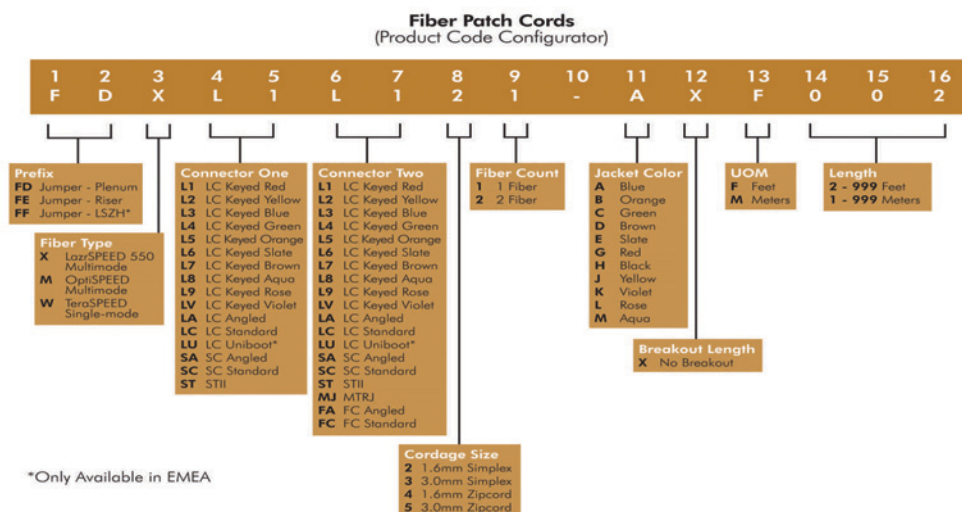
Anixter No.	Vendor No.	Description	Material ID
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RoloSplice kit with two fusion splice trays	760039867
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SS	RoloSplice equipped with 4X fusion splice tray	760031856

The M81LS-LS duplex adapter provides a duplex LC connection with fiber management. It can also be used in the M-Series modular faceplates. The M81LS-LS is aqua-colored for ease of fiber type identification and provides slack management to maintain proper bend radius behind the wall.

Anxiter No.	Vendor No.	Description	Material ID
219323	M13CLS-246	Ivory	108564675
219324	M13CLS-262	White	108564683
223299	M13CLS-003	Black	108564709
223300	M13CLS-270	Gray	108564691

Anixter No.	Vendor No.	Description	Material ID
219321	M81LS-MM SPOOL	Multimode LC duplex adapter with fiber spool (beige)	108562174
219322	M81LS-SM SPOOL	Single-mode LC duplex adapter with fiber spool (blue)	700007420
250435	M81LS-LS SPOOL	LazrSPEED LC duplex adapter with fiber spool (aqua)	108623109

## COMMSCOPE ENTERPRISE SOLUTIONS



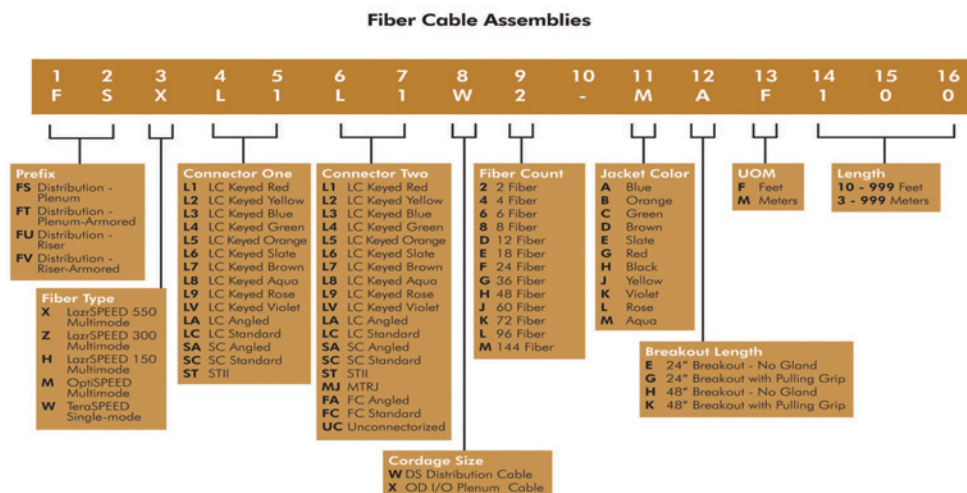
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# CommScope Enterprise Solutions Fiber

## Fiber Cable Assemblies

COMMScope ENTERPRISE SOLUTIONS



We have a multitude of CommScope fiber jumpers in a multitude of lengths available including LC to LC, LC to ST, LC to SC, SC to SC and ST to ST, as well as a host of many other varieties.

## Indoor/Outdoor Loose-tube Cable - Plenum

COMMScope ENTERPRISE SOLUTIONS

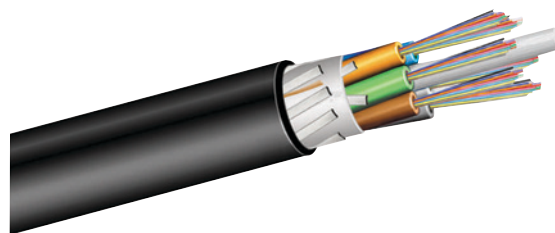
The Plenum-Rated and Riser-Rated Indoor/Outdoor Stranded Loose-Tube Dielectric Cable allows for connectivity ease and superior midspan accessibility. The cable is designed to endure the rigors of outdoor use, but can also be run directly in plenum airspace (plenum only) or riser to eliminate a splice point at the building entrance. This cable provides seamless migration from the campus to the premises by bypassing termination requirements at the building entrance, thereby reducing the total cost of ownership. Both Riser and Plenum constructions utilize 2.5 mm gel-free tubes that eliminate the use of messy filling gel.

A fluoropolymer thermoplastic material (plenum) or PVC (riser) is used for the outer jacket and buffer tubes to provide excellent petrochemical resistance. This also limits flame propagation and smoke generation better than any similar cable design on the market today. These cables are designed for installation loads up to 600 lb. (2700 N) and long-term loads up to 180 lb. (800 N).

All cables meet the mechanical and environmental requirements of Telcordia GR-20-CORE Issue 2 Generic Requirements for Optical Fiber and Optical Fiber Cable and ANSI/ICEA S-87-640 Standard for Optical Fiber Outside Plant Communications Cable.

### SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41)
5. Impact resistance: 4.34 lb./ft. (5.88 N/mm) (Test Method: FOTP - 25)
6. Flexing: 25 cycles (Test Method: FOTP - 104)
7. Twist bend: exceeds (Test Method: FOTP - 85)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP-33, 38, IEC 60794-1-2E1A, E1B)
9. Cable jacket: UV stabilized black
10. Buffer tubes and fibers are identified with standard color coding



# CommScope Enterprise Solutions Fiber

(continued) Indoor/Outdoor Loose-Tube Cable - Plenum

## Technical Information & Standards

Plenum cable is (ETL and cETL) Type OFNP

Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM1-LTPD-06	P-006-LN-6F-F06BK/25D	6	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094854
373-COMOM1-LTPD-12	P-012-LN-6F-F12BK/25D	12	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760106898
373-COMOM1-LTPD-24	P-024-LN-6F-F12BK/25D	24	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094938
373-COMOM1-LTPD-48	P-048-LN-6F-F12BK/25D	48	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094979
373-COMOM1-LTPD-72	P-072-LN-6F-F12BK/25D	72	0.40	10.1	607	2700	180	800	20.2	8.0	4.0	10.1	760095018

LAZRSPEED 150 50/125 MICRON MULTIMODE, OM2

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM2-LTPD-36	R-036-LN-5M-F12BK/25D	36	0.38	9.7	607	2700	180	800	14.6	5.7	3.8	9.7	760141580
373-COMOM2-LTPD-48	R-048-LN-5M-F12BK/25D	48	0.38	9.7	607	2700	180	800	14.6	5.7	3.8	9.7	760106948

LAZRSPEED 300 50/125 MICRON MULTIMODE, OM3

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID	
				Installation		Long Term.		Installation		Long Term.			
				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)		
373-COMOM3-LTPD-06	P-006-LN-5L-F06BK/25D	6	0.38	9.7	607	2700	180	800	5.7	14.6	3.8	9.7	760106872
373-COMOM3-LTPD-36	P-036-LN-5L-F12BK/25D	36	0.38	9.7	607	2700	180	800	5.7	14.6	3.8	9.7	760116095
373-COMOM3-LTPD-48	P-048-LN-5L-F12BK/25D	48	0.38	9.7	607	2700	180	800	5.7	14.6	3.8	9.7	760094995

LAZRSPEED 550 50/125 MICRON MULTIMODE, OM4

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation		Long Term.		Installation		Long Term.		
				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM4-LTPD-36	P-036-LN-5K-F12BK/25D	36	0.38	607	2700	180	800	5.7	14.6	3.8	9.7	760105346
373-COMOM4-LTPD-48	P-048-LN-5K-F12BK/25D	48	0.38	607	2700	180	800	5.7	14.6	3.8	9.7	760103531

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOS2-LTPD-12	P-012-LN-8W-F12BK/25D	12	0.38	9.7	300	1335	90	400	14.1	35.8	9.9	25.1	760106880
373-COMOS2-LTPD-24	P-024-LN-8W-F12BK/25D	24	0.38	9.7	300	1335	90	400	14.1	35.8	9.9	25.1	760106922
373-COMOS2-LTPD-48	P-048-LN-8W-F12BK/25D	48	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094961
373-COMOS2-LTPD-72	P-072-LN-8W-F12BK/25D	72	0.40	10.1	607	2700	180	800	8.0	20.2	4.0	10.1	760095000

# CommScope Enterprise Solutions Fiber

## Indoor/Outdoor Loose-Tube Cable - Riser

### COMMSCOPE ENTERPRISE SOLUTIONS

The Plenum-Rated and Riser-Rated Indoor/Outdoor Stranded Loose Tube Dielectric Cable allows for connectivity ease and superior midspan accessibility. The cable is designed to endure the rigors of outdoor use, but can also be run directly in plenum airspace (plenum only) or riser to eliminate a splice point at the building entrance. This cable provides seamless migration from the campus to the premises by bypassing termination requirements at the building entrance, thereby reducing the total cost of ownership. Both Riser and Plenum constructions utilize 2.5 mm gel-free tubes that eliminate the use of messy filling gel.

A fluoropolymer thermoplastic material (plenum) or PVC (riser) is used for the outer jacket and buffer tubes to provide excellent petrochemical resistance. This also limits flame propagation and smoke generation better than any similar cable design on the market today. These cables are designed for installation loads up to 600 lb. (2700 N) and long-term loads up to 180 lb. (800 N).

All cables meet the mechanical and environmental requirements of Telcordia GR-20-CORE Issue 2 Generic Requirements for Optical Fiber and Optical Fiber Cable and ANSI/ICEA S-87-640 Standard for Optical Fiber Outside Plant Communications Cable.

### SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41)
5. Impact resistance: 4.34 lb./ft. (5.88 N/mm) (Test Method: FOTP - 25)
6. Flexing: 25 cycles (Test Method: FOTP - 104)
7. Twist bend: exceeds (Test Method: FOTP - 85)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP-33, 38, IEC 60794-1-2E1A, E1B)
9. Cable jacket: UV-stabilized black
10. Buffer tubes and fibers are identified with standard color coding

### Technical Information & Standards

Plenum cable is (ETL and cETL) Type OFNP

Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
373-COMOM1-LTRD-02LD	R-002-LN-6F-F02BK/25D/LTS	2	0.45 11.5	607	2700	180	800	6.2	15.7	4.1	10.4	760112466
373-COMOM1-LTRD-06LD	R-006-LN-6F-F06BK/25D/LTS	6	0.45 11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112474
373-COMOM1-LTRD-12LD	R-012-LN-6F-F12BK/25D/LTS	12	0.45 11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112482
373-COMOM1-LTRD-24LD	R-024-LN-6F-F12BK/25D/LTS	24	0.45 11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112490
373-COMOM1-LTRD-48LD	R-048-LN-6F-F12BK/25D/LTS	48	0.45 11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112516

LAZRSPEED 150 50/125 MICRON MULTIMODE, OM2

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
373-COMOM2-LTRD-02LD	R-002-LN-5M-F02BK/25D/LTS	2	0.41 10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112524
373-COMOM2-LTRD-06LD	R-006-LN-5M-F06BK/25D/LTS	6	0.41 10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112532
373-COMOM2-LTRD-12LD	R-012-LN-5M-F12BK/25D/LTS	12	0.41 10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112540
373-COMOM2-LTRD-24LD	R-024-LN-5M-F02BK/25D/LTS	24	0.41 10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112557
373-COMOM2-LTRD-48LD	R-048-LN-5M-F12BK/25D/LTS	48	0.41 10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112573

Continued on next page >>

# CommScope Enterprise Solutions Fiber

(continued) Indoor/Outdoor Loose-Tube Cable - Riser

LAZRSPEED 300 50/125 MICRON MULTIMODE, OM3

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
373-COMOM3-LTRD-02LD	R-002-LN-5L-F02BK/25D/LTS	2	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112581
373-COMOM3-LTRD-06LD	R-006-LN-5L-F06BK/25D/LTS	6	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112599
373-COMOM3-LTRD-12LD	R-012-LN-5L-F12BK/25D/LTS	12	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112607
373-COMOM3-LTRD-24LD	R-024-LN-5L-F12BK/25D/LTS	24	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112615
373-COMOM3-LTRD-48LD	R-048-LN-5L-F12BK/25D/LTS	48	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112631

LAZRSPEED 550 50/125 MICRON MULTIMODE, OM4

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
373-COMOM4-LTRD-02LD	R-002-LN-5K-F02BK/25D/LTS	2	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112649
373-COMOM4-LTRD-06LD	R-006-LN-5K-F06BK/25D/LTS	6	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112656
373-COMOM4-LTRD-12LD	R-012-LN-5K-F12BK/25D/LTS	12	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112664
373-COMOM4-LTRD-24LD	R-024-LN-5K-F12BK/25D/LTS	24	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112672
373-COMOM4-LTRD-48LD	R-048-LN-5K-F12BK/25D/LTS	48	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112698

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable		Max. Tensile Load				Min. Bend Radius				Material ID
			O.D. (in.)	(mm)	Installation		Long Term.		Installation		Long Term.		
373-COMOS2-LTRD-02LD	R-002-LN-8W-F02BK/25D/LTS	2	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760112409
373-COMOS2-LTRD-06LD	R-006-LN-8W-F06BK/25D/LTS	6	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112417
373-COMOS2-LTRD-12LD	R-012-LN-8W-F12BK/25D/LTS	12	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112425
373-COMOS2-LTRD-24LD	R-024-LN-8W-F12BK/25D/LTS	24	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112433
373-COMOS2-LTRD-48LD	R-048-LN-8W-F12BK/25D/LTS	48	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112458

## Indoor/Outdoor Tight-buffered Cable - Plenum

### COMMScope ENTERPRISE SOLUTIONS

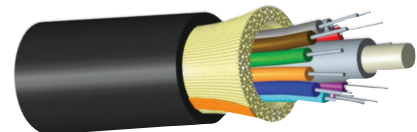
The indoor/outdoor distribution cable provides network performance for the applications of today and tomorrow that can be used in non-traditional building entrance facilities.

### SPECIFICATIONS

- Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
- Installation temperature: -22°F to 158°F (-30°C to 70°C)
- Storage temperature: -40°F to 167°F (-40°C to 70°C)
- Crush resistance: exceeds 126 lb./in. (22 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
- Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
- Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
- Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
- Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
- Fibers are identified with standard color coding

### FEATURES

- 900 micron tight buffered construction allows for direct termination, eliminating the need for furcation, which minimizes installation expense
- Utilizes water-blocking technology which makes the cable suitable for the outside plant environment, with gel-free cable access
- Black, UV stabilized jacket is resistant to chemical, moisture, abrasion and sunlight and does not require additional protection in most installations
- All-dielectric construction eliminates the need for bonding and grounding



# CommScope Enterprise Solutions Fiber

- Tested and qualified to GR-409 with GR-20 environmental limits and ICEA-696 and ICEA-640 environmental limits. Meets requirements for tight buffered constructions and suitable of installation in true OSP environmental conditions

## Technical Information & Standards

Plenum cable is NEC OFNP (ETL) and c(ETL) Listed

### OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)		Max. Tensile Load				Min. Bend Radius				Material ID
			(in.)	(mm)	Installation		Long Term.		Installation		Long Term.		
373-COMOM1-TBD-06	P-006-0D-6F-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036392
373-COMOM1-TBD-12	P-012-0D-6F-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037259
373-COMOM1-TBD-24	P-024-0D-6F-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037275

### LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable		Max. Tensile Load				Min. Bend Radius				Material ID
			O.D. (in.)	(mm)	Installation		Long Term.		Installation		Long Term.		
373-COMOM2-TBD-06	P-006-0D-5M-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036400
373-COMOM2-TBD-12	P-012-0D-5M-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037317
373-COMOM2-TBD-24	P-024-0D-5M-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037333

### LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
373-COMOM3-TBD-06	P-006-0D-5L-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036418
373-COMOM3-TBD-12	P-012-0D-5L-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037374
373-COMOM3-TBD-24	P-024-0D-5L-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037390

### LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
373-COMOM4-TBD-06	P-006-0D-5K-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036426
373-COMOM4-TBD-12	P-012-0D-5K-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037432
373-COMOM4-TBD-24	P-024-0D-5K-FSUBK	24	.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	760037457

### TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
373-COMOS2-TBD-06	P-006-0D-8W-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036384
373-COMOS2-TBD-12	P-012-0D-8W-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037192
373-COMOS2-TBD-24	P-024-0D-8W-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037218



# CommScope Enterprise Solutions Fiber

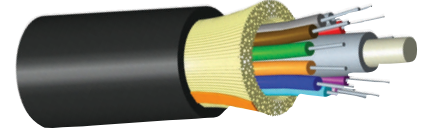
## Indoor/Outdoor Tight-Buffered Cable - Riser

### COMMSCOPE ENTERPRISE SOLUTIONS

The indoor/outdoor distribution cable provides network performance for the applications of today and tomorrow that can be used in nontraditional building entrance facilities.

### SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: -22°F to 158°F (-30°C to 70°C)
3. Storage temperature: -40°F to 167°F (-40°C to 70°C)
4. Crush resistance: exceeds 126 lb./in. (22 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding



### FEATURES

- 900 micron tight buffered construction allows for direct termination eliminating the need for furcation which minimizes installation expense
- Utilizes water-blocking technology which makes the cable suitable for the outside-plant environment, with gel-free cable access
- Black, UV stabilized jacket is resistant to chemical, moisture, abrasion and sunlight and does not require additional protection in most installations
- All-dielectric construction eliminates the need for bonding and grounding
- Tested and qualified to GR-409 with GR-20 environmental limits and ICEA-696 and ICEA-640 environmental limits. Meets requirements for tight buffered constructions and suitable of installation in true OSP environmental conditions

### Technical Information & Standards

Riser cable is (ETL and cETL) TYPE OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM1-TBDLSZH02	Z-002-DS-6F-FSUBK	2	0.15	3.8	225	10000	68	300	1.5	3.8	2.3	5.8	760141549
373-COMOM1-TBDLSZH06	Z-006-DS-6F-FSUBK	6	0.25	6.4	300	1335	90	400	2.2	5.5	4.4	11.1	760054973
373-COMOM1-TBDLSZH12	Z-012-DS-6F-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	700211279
373-COMOM1-TBDLSZH24	Z-024-DS-6F-FMUBK	24	0.67	16.9	600	2670	180	801	6.7	16.9	13.3	33.9	700211287
373-COMOM1-TBDLSZH48	Z-048-DS-6F-FMUBK	48	0.77	19.5	800	3560	240	1068	7.7	19.5	11.5	29.2	760075077

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM2-TBDLSZH02	Z-002-DS-5M-FSUBK	2	0.15	3.8	225	10000	68	300	2.3	5.8	1.5	3.8	760138859
373-COMOM2-TBDLSZH06	Z-006-DS-5M-FSUBK	6	0.22	5.5		1335	90	400	2.2	5.5	3.3	8.3	760046631
373-COMOM2-TBDLSZH12	Z-012-DS-5M-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	700211014
373-COMOM2-TBDLSZH24	Z-024-DS-5M-FSUBK	24	0.61	15.4	300	1335	90	400	3.4	8.7	6.9	17.4	760070284

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM3-TBDLSZH02	Z-002-DS-5L-FSUBK	2	0.15	3.8	225	10000	68	300	1.5	3.8	2.3	5.8	760143198

## CommScope Enterprise Solutions Fiber

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load		Min. Bend Radius		Material ID
				Installation	Long Term.	Installation	Long Term.	
373-COMOM3-TBDLSZH06	Z-006-DS-5L-FSUBK	6	0.22 5.5	300 1335	90 400	2.2 5.5	3.3 8.3	760039966
373-COMOM3-TBDLSZH12	Z-012-DS-5L-FSUBK	12	0.28 7.2	300 1780	120 534	2.8 7.2	5.7 14.4	700210982
373-COMOM3-TBDLSZH24	Z-024-DS-5L-FSUBK	24	0.34 8.7	300 1335	90 400	3.4 8.7	6.9 17.4	760070292
373-COMOM3-TBDLSZH48	Z-048-DS-5L-FSUBK	48	0.77 19.5	800 3560	240 1068	7.7 19.5	11.5 29.2	760010371

## LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load		Min. Bend Radius		Material ID
				Installation	Long Term.	Installation	Long Term.	
373-COMOM4-TBDLSZH06	Z-006-DS-5K-FSUBK	6	0.22 5.5	300 1335	90 400	2.2 5.5	3.3 8.3	760039974
373-COMOM4-TBDLSZH12	Z-012-DS-5K-FSUBK	12	0.28 7.2	400 1780	120 534	2.8 7.2	5.7 14.4	760006650
373-COMOM4-TBDLSZH24	Z-024-DS-5K-FSUBK	24	0.34 8.7	300 1335	90 400	6.9 17.4	3.4 8.7	760070300
373-COMOM4-TBDLSZH48	Z-048-DS-5K-FMUBK	48	0.77 19.5	800 3560	240 1068	7.7 19.5	11.5 29.2	760130864

## TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load		Min. Bend Radius		Material ID
				Installation	Long Term.	Installation	Long Term.	
373-COMOS2-TBDLSZH02	Z-002-DS-8W-FSUBK	2	0.15 3.8	225 10000	68 300	1.5 3.8	2.3 5.8	760150490
373-COMOS2-TBDLSZH06	Z-006-DS-8W-FSUBK	6	0.22 5.5	300 1335	90 400	2.2 5.5	3.3 8.3	760009753
373-COMOS2-TBDLSZH12	Z-012-DS-8W-FSUBK	12	0.28 7.2	400 1780	120 534	2.8 7.2	5.7 14.4	760004184
373-COMOS2-TBDLSZH24	Z-024-DS-8W-FSUBK	24	0.34 8.7	300 1335	90 400	3.4 8.7	6.9 17.4	760070276
373-COMOS2-TBDLSZH48	Z-048-DS-8W-FMUBK	48	0.77 19.5	800 3560	240 1068	7.7 19.5	11.5 29.2	760090309

## Building Cables - Plenum

## COMMSCOPE ENTERPRISE SOLUTIONS

The LazrSPEED Building Cables consist of laser-optimized 50/125  $\mu$ m optical fibers. All LazrSPEED fibers are Differential Mode Delay (DMD) tested. The CommScope Labs use a high-resolution DMD test bench that exceeds the FOTP-220 standards and is independently certified by UL. The LazrSPEED building cable is constructed with tight buffer fibers, aramid-strength yarn, and is available in PVC, plenum and low smoke zero halogen outer jacket. These cables are designed for point-to-point applications as well as midspan access, and provide a high level of protection for fiber installed in the building environment.

## SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: exceeds 57.3 lb./in. (10 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

## Technical Information &amp; Standards

Plenum cable is (ETL and cETL) Type OFNP



Continued on next page >>

# CommScope Enterprise Solutions Fiber

(continued) Building Cables - Plenum

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	
370-COMOM1-TBD-02	P-002-DS-6F-FSUSL	2	0.15	3.9	225	1001	67	300	3	7.8	1.5	3.9	700009657
370-COMOM1-TBD-06	P-006-DS-6F-FSUSL	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009517
370-COMOM1-TBD-12	P-012-DS-6F-FSUSL	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009392
370-COMOM1-TBD-24	P-024-DS-6F-FSUSL	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018663
370-COMOM1-TBD-48	P-048-DS-6F-FMUOR	43	.059	15.1	800	3560	240	1068	11.9	30.2	5.9	15.1	760124834
370-COMOM1-TBD-72	P-072-DS-6F-FMUOR	72	0.75	19.1	1000	4450	300	1335	15	38.2	7.5	19.1	760028050

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM2-TBD-02	P-002-DS-5M-FSUAQ	2	0.15	3.9	225	1001	67	300	3.1	7.8	1.5	3.9	700009871
370-COMOM2-TBD-06	P-006-DS-5M-FSUAQ	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009798
370-COMOM2-TBD-12	P-012-DS-5M-FSUAQ	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009756
370-COMOM2-TBD-24	P-024-DS-5M-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018671
370-COMOM2-TBD-48	P-048-DS-5M-FMUAQ	48	0.59	15.1	800	3560	240	1068	5.9	15.1	8.9	22.7	700211105

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	
370-COMOM3-TBD-02	P-002-DS-5L-FSUAQ	2	0.15	3.9	225	1001	67	300	2.3	5.9	1.5	3.9	700009855
370-COMOM3-TBD-06	P-006-DS-5L-FSUAQ	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009772
370-COMOM3-TBD-12	P-012-DS-5L-FSUAQ	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009731
370-COMOM3-TBD-24	P-024-DS-5L-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018689
370-COMOM3-TBD-48	P-048-DS-5L-FMUAQ	48	0.59	15.1	800	3560	240	1068	8.9	22.7	5.9	15.1	700211147

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM4-TBD-02	P-002-DS-5K-FSUAQ	2	0.15	3.9	225	1001	67	300	2.3	5.9	1.5	3.9	760057034
370-COMOM4-TBD-06	P-006-DS-5K-FSUAQ	6	0.19	4.7	300	1335	90	400	3.7	9.5	1.9	4.7	760012138
370-COMOM4-TBD-12	P-012-DS-5K-FSUAQ	12	0.23	5.7	300	1335	90	400	4.5	11.4	2.2	5.7	760006411
370-COMOM4-TBD-24	P-024-DS-5K-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018697
370-COMOM4-TBD-48	P-048-DS-5K-FMUAQ	48	0.59	15.1	800	3560	240	1068	8.9	22.7	5.9	15.1	760024554

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOS2-TBD-02	P-002-DS-8W-FSUYL	2	0.15	3.9	225	1001	67	300	2.3	5.9	1.5	3.9	760004317
370-COMOS2-TBD-06	P-006-DS-8W-FSUYL	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	760004333

# CommScope Enterprise Solutions Fiber

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOS2-TBD-12	P-012-DS-8W-FSUYL	12	0.23	5.8	300	1335	90	400	4.6	11.7	2.3	5.9	760004358
370-COMOS2-TBD-24	P-024-DS-8W-FSUYL	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018630
370-COMOS2-TBD-36	P-036-DS-8W-FMUYL	36	0.54	13.7	800	3560	240	1068	10.8	27.4	5.4	13.7	760004374
370-COMOS2-TBD-48	P-048-DS-8W-FMUYL	48	0.59	15.1	800	3560	240	1068	11.9	30.2	5.9	15.1	760004382
370-COMOS2-TBD-72	P-072-DS-8W-FMUYL	72	0.75	19.1	300	1335	90	400	22.1	56.1	15.5	39.3	760004390

## Building Cables - Riser

### COMMScope ENTERPRISE SOLUTIONS

The LAZRSPEED Building Cables consist of laser-optimized 50/125  $\mu$ m optical fibers. All LAZRSPEED fibers are Differential Mode Delay (DMD) tested. The CommScope Labs use a high-resolution DMD test bench that exceeds the FOTP-220 standards and is independently certified by UL. The LAZRSPEED building cable is constructed with tight buffer fibers, aramid-strength yarn, and is available in PVC, plenum and low smoke zero halogen outer jacket. These cables are designed for point-to-point applications as well as midspan access, and provide a high level of protection for fiber installed in the building environment.

### SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: exceeds 57.3 lb./in. (10 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

### Technical Information & Standards

Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
371-COMOM1-TBD-02	R-002-DS-6F-FSUSL	2	0.16	4.1	225	1001	67	300	2.4	6.1	1.6	4.1	700009640
371-COMOM1-TBD-06	R-006-DS-6F-FSUSL	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	700009509
371-COMOM1-TBD-12	R-012-DS-6F-FSUSL	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700009384
371-COMOM1-TBD-24	R-024-DS-6F-FSUSL	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018531
371-COMOM1-TBD-36	R-036-DS-6F-FMUSL	36	0.57	14.6	800	3560	240	1068	11.5	29.3	5.7	14.6	700009178
371-COMOM1-TBD-48	R-048-DS-6F-FMUSL	48	0.63	16.0	600	2668	90	400	14.6	37	7.3	18.5	700009087
371-COMOM1-TBD-72	R-072-DS-6F-FMUSL	72	0.79	18.5	1000	2668	90	400	14.6	37	7.3	18.5	700008998

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term.		Installation		Long Term.		
371-COMOM2-TBD-02	R-002-DS-5M-FSUAQ	2	0.16	4.1	225	1001	67	300	2.4	6.1	1.6	4.1	700203052
371-COMOM2-TBD-06	R-006-DS-5M-FSUAQ	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	700203078
371-COMOM2-TBD-12	R-012-DS-5M-FSUAQ	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700203086
371-COMOM2-TBD-24	R-024-DS-5M-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018549
371-COMOM2-TBD-48	R-048-DS-5M-FMUAQ	48	0.63	16.1	800	3560	240	400	9.5	24.2	6.3	16.1	700203110

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# CommScope Enterprise Solutions Fiber

## (continued) Building Cables - Riser

### LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load		Min. Bend Radius		Material ID
				Installation (lb.) N	Long Term. (lb.) N	Installation (in.) (cm)	Long Term. (in.) (cm)	
371-COMOM3-TBD-02	R-002-DS-5L-FSUAQ	2	0.16 4.1	225 1001	90 300	2.4 6.1	1.6 4.1	700208127
371-COMOM3-TBD-06	R-006-DS-5L-FSUAQ	6	0.20 5.1	300 1335	90 400	4.1 10.5	2.0 5.1	700208143
371-COMOM3-TBD-12	R-012-DS-5L-FSUAQ	12	0.24 6.0	300 1335	90 400	4.8 12.1	2.4 6.0	700208150
371-COMOM3-TBD-24	R-024-DS-5L-FSUAQ	24	0.33 8.4	300 1335	90 400	6.6 16.7	3.3 8.4	760018556
371-COMOM3-TBD-48	R-048-DS-5L-FMUAQ	48	0.63 16.1	800 3560	240 1068	9.5 24.2	6.3 16.1	700208218

### LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load		Min. Bend Radius		Material ID
				Installation (lb.) N	Long Term. (lb.) N	Installation (in.) (cm)	Long Term. (in.) (cm)	
371-COMOM4-TBD-06	R-006-DS-5K-FSUAQ	6	0.20 4.7	300 1335	90 400	3.7 9.5	1.9 4.7	760012104
371-COMOM4-TBD-12	R-012-DS-5K-FSUAQ	12	0.24 5.7	300 1335	90 400	4.5 11.4	2.2 5.7	760012112
371-COMOM4-TBD-24	R-024-DS-5K-FSUAQ	24	0.33 8.4	300 1335	90 400	6.6 16.7	3.3 8.4	760018564
371-COMOM4-TBD-48	R-048-DS-5K-FMUAQ	48	0.63 16.1	300 3560	240 1068	9.5 24.2	6.3 16.1	760026849

### TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load		Min. Bend Radius		Material ID
				Installation (lb.) N	Long Term. (lb.) N	Installation (in.) (cm)	Long Term. (in.) (cm)	
371-COMOS2-TBD-02	R-002-DS-8W-FSUYL	2	0.16 4.1	225 1001	67 300	2.4 6.1	1.6 4.1	760004408
371-COMOS2-TBD-06	R-006-DS-8W-FSUYL	6	0.20 5.1	300 1325	90 400	4.1 10.3	2.0 5.1	760004424
371-COMOS2-TBD-12	R-012-DS-8W-FSUYL	12	0.24 6.0	300 1335	90 400	4.8 12.1	2.4 6.0	760004440
371-COMOS2-TBD-24	R-024-DS-8W-FSUYL	24	0.33 8.4	300 1335	90 400	6.6 16.7	3.3 8.4	760018515
371-COMOS2-TBD-36	R-036-DS-8W-FMUYL	36	0.57 14.6	800 3560	240 1068	11.5 29.3	5.7 14.6	760004465
371-COMOS2-TBD-48	R-048-DS-8W-FMUYL	48	0.63 16.1	800 3560	240 1068	9.5 24.2	6.3 16.1	760004473
371-COMOS2-TBD-72	R-072-DS-8W-FMUYL	72	0.79 20	300 1335	1000 4450	15.8 40.1	7.9 20.0	760004481

## Interlocking Armored Cables - Plenum

### COMMScope ENTERPRISE SOLUTIONS

CommScope Interlocking Armored Fiber Optic Cable provides superior protection and space savings. It provides installation protection from bending and excessive pull tension, significant time and labor reductions versus conduit or innerduct installations and increased installation and design flexibility.

CommScope Interlocking Armor can be used anywhere additional protection and security for the fiber cable are desired. Applications include building backbone, zone distribution, raised floor, data centers and storage area networks (SANs). Vertical markets include: industrial, manufacturing, airports, stadiums, military and any other vertical where increased protection and security for the fiber cable are desired. These include: financial, hospitals, educational facilities and many more.

The CommScope Interlocking Armor is applied spirally around any premise distribution cable, and is available in aluminum. The armored cable is then over-jacketed with a sheath. This sheath is color-coded to the fiber type contained within, and provides not only the ability to print the armor with all relevant information on the cable inside, but also allows for easier handling and pulling.

### SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)





# CommScope Enterprise Solutions Fiber

3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: 486.8 lb./in. (85 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 25.8 lb./ft. (35 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

## Technical Information & Standards

The plenum cable is (ETL and cETL) Type OFCP

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation (lb.)	Long Term. (lb.)	N	N	Installation (in.) (cm)	Long Term. (in.) (cm)			
370-COMOM1-TBA-02	P-002-DZ-6F-FSUOR	2	0.50 12.8	225	1081	67	300	10.1 25.7	7.1 18.0			760127860
370-COMOM1-TBA-06	P-006-DZ-6F-FSUOR	6	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760127753
370-COMOM1-TBA-12	P-012-DZ-6F-FSUOR	12	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 19.7			760127761
370-COMOM1-TBA-24	P-024-DZ-6F-FSUOR	24	0.69 17.4	300	1335	90	400	13.7 34.8	9.6 24.4			760127852
370-COMOM1-TBA-48	P-048-DZ-6F-FMUOR	48	0.91 23.0	300	1335	90	400	18.1 46.0	12.7 32.2			760125096

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation (lb.)	Long Term. (lb.)	N	N	Installation (in.) (cm)	Long Term. (in.) (cm)			
370-COMOM2-TBA-02	P-002-DZ-5M-FSUAQ	2	0.50 12.8	225	1001	67	300	10.1 25.7	7.1 18.0			760125997
370-COMOM2-TBA-06	P-006-DZ-5M-FSUAQ	6	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760127696
370-COMOM2-TBA-12	P-012-DZ-5M-FSUAQ	12	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760127704
370-COMOM2-TBA-24	P-024-DZ-5M-FSUAQ	24	0.69 17.4	300	1335	90	400	13.7 34.8	9.6 24.4			760127878
370-COMOM2-TBA-48	P-048-DZ-5M-FMUAQ	48	0.91 23.0	300	1335	90	400	18.1 46.0	12.7 32.2			760127738

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation (lb.)	Long Term. (lb.)	N	N	Installation (in.) (cm)	Long Term. (in.) (cm)			
370-COMOM3-TBA-02	P-002-DZ-5L-FSUAQ	2	0.50 12.8	225	1001	67	300	10.1 25.7	7.1 18.0			760128124
370-COMOM3-TBA-06	P-006-DZ-5L-FSUAQ	6	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760127639
370-COMOM3-TBA-12	P-012-DZ-5L-FSUAQ	12	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760127647
370-COMOM3-TBA-24	P-024-DZ-5L-FSUAQ	24	0.69 17.4	300	1335	90	400	13.7 34.8	9.6 24.4			760127902
370-COMOM3-TBA-48	P-048-DZ-5L-FMUAQ	48	0.91 23.0	300	1335	90	400	18.1 46.0	12.7 32.2			760127670

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation (lb.)	Long Term. (lb.)	N	N	Installation (in.) (cm)	Long Term. (in.) (cm)			
370-COMOM4-TBA-06	P-006-DZ-5K-FSUAQ	6	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760128181
370-COMOM4-TBA-12	P-012-DZ-5K-FSUAQ	12	0.50 12.8	300	1335	90	400	10.1 25.7	7.1 18.0			760128017
370-COMOM4-TBA-24	P-024-DZ-5K-FSUAQ	24	0.69 17.4	300	1335	90	400	13.7 34.8	9.6 24.4			760127910
370-COMOM4-TBA-48	P-048-DZ-5K-FMUAQ	48	0.91 23.0	300	1335	90	400	18.1 46.0	12.7 32.2			760125971

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# CommScope Enterprise Solutions Fiber

## (continued) Interlocking Armored Cables - Plenum

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
370-COMOS2-TBA-02	P-002-DZ-8W-FSUYL	2	0.50 12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760128157
370-COMOS2-TBA-06	P-006-DZ-8W-FSUYL	6	0.50 12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127795
370-COMOS2-TBA-12	P-012-DZ-8W-FSUYL	12	0.50 12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127803
370-COMOS2-TBA-24	P-024-DZ-8W-FSUYL	24	0.61 15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127886
370-COMOS2-TBA-48	P-048-DZ-8W-FMUYL	48	0.91 23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127837

## Interlocking Armored Cables - Riser

### COMMScope ENTERPRISE SOLUTIONS

CommScope Interlocking Armored Fiber Optic Cable provides superior protection and space savings. It provides installation protection from bending and excessive pull tension, significant time and labor reductions versus conduit or innerduct installations and increased installation and design flexibility.



CommScope Interlocking Armor can be used anywhere additional protection and security for the fiber cable are desired. Applications include building backbone, zone distribution, raised floor, data centers and storage area networks (SANs). Vertical markets include: industrial, manufacturing, airports, stadiums, military and any other vertical where increased protection and security for the fiber cable are desired. These include: financial, hospitals, educational facilities and many more.

The CommScope Interlocking Armor is applied spirally around any premise distribution cable, and is available in aluminum. The armored cable is then over-jacketed with a sheath. This sheath is color-coded to the fiber type contained within, and provides not only the ability to print the armor with all relevant information on the cable inside, but also allows for easier handling and pulling.

### SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: 486.8 lb./in. (85 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 25.8 lb./ft. (35 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

### Technical Information & Standards

Riser cable is (ETL and cETL) TYPE OFCR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
371-COMOM1-TBA-02	R-002-DZ-6F-FSUOR	2	0.50 12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760127365
371-COMOM1-TBA-06	R-006-DZ-6F-FSUOR	6	0.50 12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127282
371-COMOM1-TBA-12	R-012-DZ-6F-FSUOR	12	0.50 12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127290
371-COMOM1-TBA-24	R-024-DZ-6F-FSUOR	24	0.61 15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760125112
371-COMOM1-TBA-48	R-048-DZ-6F-FMUOR	48	0.24 6.0	300	1335	90	400	18.1	46.0	12.7	32.2	760125138

# CommScope Enterprise Solutions Fiber

## LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
371-COMOM2-TBA-02	R-002-DZ-5M-FSUAQ	2	0.50 12.8	225 1001	67 300	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760126581
371-COMOM2-TBA-06	R-006-DZ-5M-FSUAQ	6	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127225
371-COMOM2-TBA-12	R-012-DZ-5M-FSUAQ	12	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127233
371-COMOM2-TBA-24	R-024-DZ-5M-FSUAQ	24	0.61 15.4	300 1335	90 400	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	760127415
371-COMOM2-TBA-48	R-048-DZ-5M-FSUAQ	48	0.91 23.0	300 1335	90 400	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	760127266

## LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
371-COMOM3-TBA-02	R-002-DZ-5L-FSUAQ	2	0.50 12.8	225 1001	67 300	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127571
371-COMOM3-TBA-06	R-006-DZ-5L-FSUAQ	6	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127175
371-COMOM3-TBA-12	R-012-DZ-5L-FSUAQ	12	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127183
371-COMOM3-TBA-24	R-024-DZ-5L-FSUAQ	24	0.61 15.4	300 1335	90 400	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	760127381
371-COMOM3-TBA-48	R-048-DZ-5L-FMUAQ	48	0.91 23.0	300 1335	90 400	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	760127209

## LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
371-COMOM4-TBA-06	R-006-DZ-5K-FSUAQ	6	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127506
371-COMOM4-TBA-12	R-012-DZ-5K-FSUAQ	12	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127514
371-COMOM4-TBA-24	R-024-DZ-5K-FSUAQ	24	0.61 15.4	300 1335	90 400	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	760127407
371-COMOM4-TBA-48	R-048-DZ-5K-FMUAQ	48	0.91 23.0	300 1335	90 400	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	760126540

## TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	Installation	Long Term.	
371-COMOS2-TBA-02	R-002-DZ-8W-FSUYL	2	0.50 12.8	225 1001	67 300	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127555
371-COMOS2-TBA-06	R-006-DZ-8W-FSUYL	6	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127308
371-COMOS2-TBA-12	R-012-DZ-8W-FSUYL	12	0.50 12.8	300 1335	90 400	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	10.1 25.7	7.1 18.0	760127316
371-COMOS2-TBA-24	R-024-DZ-8W-FMUYL	24	0.61 15.4	300 1335	90 400	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	12.1 30.7	8.5 21.5	760127324
371-COMOS2-TBA-48	R-048-DZ-8W-FMUYL	48	0.91 23.0	300 1335	90 400	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	18.1 46.0	12.7 32.2	760127340

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# CommScope Enterprise Solutions Fiber

## Central Core Tube Breakout Kit

COMMSCOPE ENTERPRISE SOLUTIONS



The Central Core Tube Breakout Kit contains buffer tubing and cable end prep materials for direct termination of connectors on campus cable. This kit will buffer approximately 100 fibers but contains only one blocking kit (one splitter kit should be ordered for each additional cable end). B-Sealant should also be ordered separately. This kit contains:

### FEATURES

- 210 ft. reel of 900  $\mu$ m clear PVC tubing
- 25 ft. white PVC tubing
- 2 ft. heat-shrink tubing
- 10 miniature cable ties
- Five sealant applicators
- One rosin bag
- 1 ft. x .294 in. I.D., 1 ft. x .234 in. I.D. and 2 ft. x .166 in. I.D. tubing
- One six-unit splitter
- One eight-unit splitter

### BREAKOUT KITS

Anixter No.	Vendor No.	Description	Material ID
104578	D181755	PVC Buffer Tubing Kit	700006117
209562	D-183016	Mini kit for cables with a maximum of 24 fibers	108459488

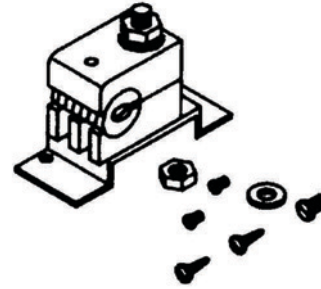
### BREAKOUT KIT ACCESSORIES

These items are included in the D-181755 kit (except the B-Sealant), but can be ordered separately.

Anixter No.	Vendor No.	Description	Material ID
109709	D-181781	6 to 1 unit splitter for outdoor cable. Diameter of 0.41 in.	700011125
107902	D-181683	8 to 1 unit splitter for outdoor cable. Diameter of 0.41 in.	700006125
125092	D-182806	6 to 1 unit splitter fits 0.16 in. and 0.20 in. core tube	700008360

## Cable Clamp

COMMSCOPE ENTERPRISE SOLUTIONS



The 12A clamps are designed to provide the means for securing one cable to a shelf or backboard. The 12A2 is for dielectric cables. The 12A1 provides grounding for either ribbon cable equipment with sheath-terminating hardware or stranded cable with metallic-strength members. The 12A1 consists of a mounting bracket, plastic clamps and suitable grounding lugs.

Anixter No.	Vendor No.	Description	Material ID
132619	12A2	Dielectric	700025653
106721	12A1 CLAMP	Metallic	700025513

## LC Connectors

COMMSCOPE ENTERPRISE SOLUTIONS



The LC connector is a revolutionary fiber optic connector. This small form connector is only half the size of ST or SC connectors, yet it has superior optical performance and reduced installation time. It uses the familiar insertion release mechanism similar to an RJ45 plug and has a pull-proof design. Fast becoming the connector of choice, the physical and optical performance of the LC allows engineers to design optical fiber infrastructures suited to the low-loss needs of the high-speed data networks.

The LC connector offers a complete connection solution with a product range designed for field termination onto 900  $\mu$ m buffered fiber, 1.6 mm fiber cordage, multimode and single-mode fiber. The high-performance LC connector is the recommended connector for Gigabit applications including all proposed 10 Gigabit Ethernet specifications for multimode and single-mode fiber.

### BEHIND-THE-WALL (900 $\mu$ m) CONNECTOR

This connector is designed to allow for the simple and speedy termination of the connector onto 900  $\mu$ m fiber. So whether terminating a cable into a patch panel, connection box, or outlet, the LC connector offers the best-in-class solution.

### JUMPER CONNECTOR (1.6 mm)

The LC fiber optic simplex and duplex jumper connectors can be used to terminate simplex and duplex 1.6 mm jumper cords. They are intended for use in central offices, local area networks (LANs), and in patch cords for premises distribution systems (PDS). The connectors can also be used in computer backplane connections, computer peripheral interconnections, device terminations, and other applications where quality, small-size, high-density, low-loss and low-cost infrastructure are required.

## CommScope Enterprise Solutions Fiber

## Technical Information &amp; Standards

Specifications: Not for jumper cordage

Length: 3.2 cm (1.259 in.)

Tip material: ceramic

Multimode: average loss: 0.2 dB; standard deviation 0.1 dB

Single-mode: average loss: 0.2 dB; standard deviation 0.1 dB

Insertion loss change: less than 0.3 dB mating durability for 500 reconnects

Cable retention: less than 0.3 dB

Temperature stability -40° to 75°C

Patch cord's LC connector is spring-loaded with no key

Behind-the-plate LC connectors are NOT spring-loaded and have a key

## BEHIND-THE-WALL (900 MICRON) MULTIMODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
305059	MFC-LCR-09-BG	BTW LC connector, preradiused, for 0.9 mm multimode buffered fiber, beige/white	760034181

## BEHIND-THE-WALL (900 MICRON) SINGLE-MODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
305061	SFC-LCR-09-BL	BTW LC connector, preradiused, for 0.9 mm single-mode buffered fiber, blue/white	760034199

## JUMPER CORDAGE (1.6 MM) MULTIMODE JUMPER CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
332688	MDC-LCR-16-BG	LC connector for 1.6 mm cordage, duplex, preradiused, multimode	760034157

## JUMPER CORDAGE (1.6 MM) SINGLE-MODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
332836	SFC-LCR-16-BL	LC connector for 1.6 mm cordage simplex, preradiused	760034173
397351	LC DUPLEX CLIP	LC duplex clip, polarity reversible	760039669

## KEYED PRERADIUS FOR 1.6 MM CORDAGE DUPLEX



Anixter No.	Vendor No.	Description	Material ID
394558	MDC-LCR-16-KAQ	Multimode, aqua	760102475
394559	MDC-LCR-16-KBK	Multimode, black	760102533
394560	MDC-LCR-16-KSL	Multimode, slate	760102509
394567	SDC-LCR-16-KAQ	Single-mode, aqua	760102806
394568	SDC-LCR-16-KBK	Single-mode, black	760102863
394569	SDC-LCR-16-KSL	Single-mode, slate	760102830

## KEYED PRERADIUS FOR 1.6 MM CORDAGE SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
394564	MFC-LCR-16-KAQ	Multimode, aqua	760102368
394565	MFC-LCR-16-KBK	Multimode, black	760102426
394566	MFC-LCR-16-KSL	Multimode, slate	760102392
394573	SFC-LCR-16-KAQ	Single-mode, aqua	760102699
394574	SFC-LCR-16-KBK	Single-mode, black	760102756
394575	SFC-LCR-16-KSL	Single-mode, slate	760102723

## KEYED PRERADIUS FOR 0.9 MM CORDAGE SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
394561	MFC-LCR-09-KAQ	Multimode, aqua	760102582
394562	MFC-LCR-09-KBK	Multimode, black	760102640
394563	MFC-LCR-09-KSL	Multimode, slate	760102616
394570	SFC-LCR-09-KAQ	Single-mode, aqua	760102939
394571	SFC-LCR-09-KBK	Single-mode, black	760102996
394572	SFC-LCR-09-KSL	Single-mode, slate	760102962

## QWIK II CONNECTOR



Anixter No.	Vendor No.	Description	Material ID
413720	MFC-LCF-09-5X-25	Multimode 50/125, 25 pack, aqua	760117911
352560	MFC-LCF-09-6X-25-PACK	Multimode 62.5/125, 25 pack, beige	760117937
414581	SFC-LCF-09-8X-25-PACK	Single-mode, 25 pack, blue	760117929

## TOOL KITS AND CRIMP FIXTURES FOR LC CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
402869	QWIKIITERMTOOLK	Qwik II Master termination tool kit	760119131



## Infrastructure

## CommScope Enterprise Solutions Fiber

## SC Connectors

## COMMSCOPE ENTERPRISE SOLUTIONS



The SC multimode fiber optic connector is a field-mountable, tunable connector which utilizes a domed zirconia ferrule for fiber alignment, and push-pull hardware that provides easier connections as well as high optical stability. The connector can be used in high-density applications while not being affected by axial cable loads. The cable is crimped to the outer hardware and therefore prevents momentary disconnect when axial load is placed on the cable. Available in multimode and single-mode versions.

The P600A-Z-125 and P6200A-Z-125 can be mounted on 3.0 mm cordage only, while the P6001A-Z-125 and P6201A-Z-125 mount on the 0.9 buffered fiber.

## Technical Information &amp; Standards

Fits 0.9 mm buffered fiber, 3 mm cordage and 1.6 mm cord. When terminating on mini cordage, an adapter kit (Part No. 195867) and tool (Part No. 195868) must be used to build the cable up to 0.9 mm  
Length: 5 cm (1.96 in.)

Loss repeat (200 reconnects): less than 0.3 dB

Minimum axial load: cable: 13.6 kg; buffer: 0.9 kg (1.98 lb.)

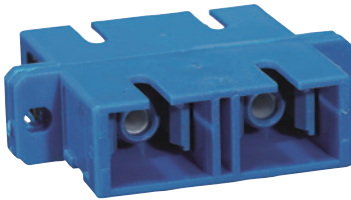
Temperature stability (-40° to 75°C): less than 0.3 dB increase

Average loss MM: 0.3 dB

Average loss SM: 0.2 dB (tuned)

Average loss SM: 0.3 dB (untuned)

## EZ-SC CONNECTORS, NONTUNABLE

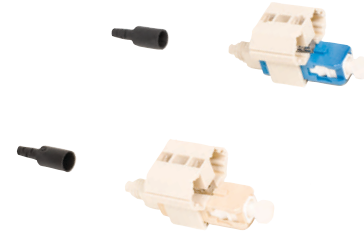


These connector kits can be used on 1.6 mm cordage or mini-breakout cable with the addition of tool kit D-182918 and 500B tool.

Anixter No.	Vendor No.	Description	Material ID
414995	MFC-SCR-09-BG	BTW SC-B, for 0.9 mm multimode buffered fiber, beige/white	760007070
266858	P6201B-Z-125	BTW SC-B, for 0.9 mm multimode buffered fiber, beige/white	760007070
266836	SFC-SCR-30-BL	BTW SC-B connector for 3.0 mm cordage simplex, single-mode	760007096

Anixter No.	Vendor No.	Description	Material ID
266837	SFC-SCR-09-BL	BTW SC-B, for 0.9 mm single-mode buffered fiber, blue/white	760007112
266859	MFC-SCR-09-BG-100-BULK-PACK	BTW SC-B connector for 0.9 mm buffered fiber, multimode, 100-pack	760007088

## QWIK-SC CONNECTOR



Anixter No.	Vendor No.	Description	Material ID
415292	MFC-SCF-09-5X-25-PACK	Multimode 50/125, aqua, 25 pack	760117978
414578	MFC-SCF-09-6X-25-PACK	Multimode 62.5/125, beige, 25 pack	760117994
402864	SFC-SCF-09-8X-25-PACK	Single-mode, 25 pack	760117986

## TOOL KITS AND CRIMP FIXTURES FOR SC CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
157627	1032F1	SC, ST, STII tool kit. Uses EZ method. Connectors and consumable kits ordered separately.	700005929
402869	QWIKINTERMTOOLK	Qwik II Master termination tool kit	760119131

## CLIPS

Anixter No.	Vendor No.	Description	Material ID
152525	2A1	SC duplex connector clips. (Clips together two simplex connectors to form a duplex connector)	700002165
210496	2A1	SC duplex clip (1,000 pack)	700005358

# CommScope Enterprise Solutions Fiber

## ST Connectors

### COMMSCOPE ENTERPRISE SOLUTIONS

The STII Connector Plug is a keyed ceramic fiber optic connector plug that uses a bayonet-type "ramped latching" mounting arrangement. The ferrule is made of zirconium which provides for easy, accurate field polishing. STII Connectors will accept 125 micron outside diameter multimode fiber. The design of the STII provides high optical performance and easy mounting in a rugged, compact connector plug. The STII can mount on either 0.9 mm buffered fiber, or 2.4 mm or 3.0 mm cordage (or equivalent). The STII is available in both single-mode and multimode.

#### Technical Information & Standards

Length: 5.64 cm (2.2 in.)  
 Temperature stability (-40° to 85° C): less than 0.1 dB increase  
 Loss repeat (500 reconnects): less than 0.2 dB  
 Minimum axial load - cable: 15.9 kg (35 lb.)  
 Multimode average loss: 0.3 dB  
 Single-mode average loss: 0.2 dB

#### EZ-STII CONNECTORS



Anixter No.	Vendor No.	Description	Material ID
170290	MFC-STU	Multimode, grey	700004328
157475	SFC-STU	Single-mode, yellow	700011067
118974	P2020C-C-125	Multimode	700005000

#### QWIK-ST CONNECTORS



Anixter No.	Vendor No.	Description	Material ID
415293	MFC-STF-09-5X-25-PACK	Multimode, 25 pack, aqua	760118000
414579	MFC-STF-09-6X-25-PACK	Multimode, 25 pack, beige	760118059

#### TOOL KITS AND CRIMP FIXTURES FOR STII CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
157627	1032F1	SC, ST, STII tool kit. Uses EZ method. Connectors and consumable kits ordered separately.	700005929
402869	QWIKIITERMTOOLK	Qwik II Master termination tool kit	760119131

These connector kits can be used on 1.6 mm cordage or mini-breakout cable with the addition of tool kit D-182918 and 500B tool.

## Universal Polishing Kits

### COMMSCOPE ENTERPRISE SOLUTIONS

CommScope Solutions' Universal Polishing Kits make terminations of all SYSTIMAX fiber connectors easier and faster to install. This procedure allows contractors, distributors and end-users to order only one polishing kit for multimode connectors and one polishing kit for single-mode connectors.

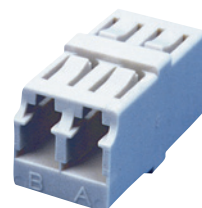
#### FEATURES

- Multimode connectors, only one polishing paper and two steps
- Single-mode connectors, only two polishing papers and three steps
- Fewer polishing steps and strokes for the new preradiused LC connector
- Reduces the number of papers to purchase and maintain
- Reduces confusion over which paper to use at which step
- Easier logistics for ordering and maintaining stock
- One multimode consumables kit for all three connector styles (ST, SC, LC)
- One single-mode consumables kit for all three connector styles (ST, SC, LC)
- Quality terminations with excellent performance

Anixter No.	Vendor No.	Description	Material ID
353609	KIT-C-UNIV-M-100	Multimode, LC preradius and SC/STII, uses EZ method	760066720
353610	KIT-C-UNIV-S-100	Multimode and single-mode, LC pre-radius and SC/STII, uses EZ method	760066738

## LC Duplex Adapters

### COMMSCOPE ENTERPRISE SOLUTIONS



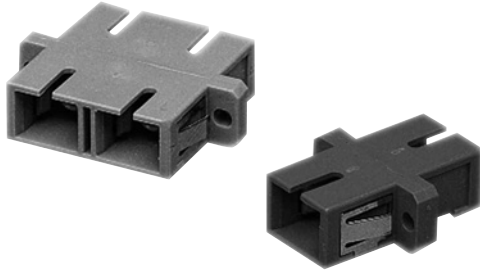
The LC Duplex Adapter accommodates two LC connectors while only occupying the space of a simplex SC coupling. It features a self-adjusting mechanism designed to accommodate panel thickness variations from 0.15 cm to 0.175 cm (0.059 in. to 0.068 in.). It is available in both single-mode and multimode. LC Duplex Adapters are color-coded aqua for LazrSPEED 50 μm multimode, beige for 62.5 μm multimode and blue for single-mode.

Anixter No.	Vendor No.	Description	Material ID
219270	MFA-LC02-AQ	LC duplex adapter, aqua, for LazrSPEED 50/125 multimode fiber	108622887
196838	MFA-LC02-BG	LC duplex adapter, beige, for OptiSPEED 62.5/125 multimode fiber	700002355
196944	SFA-LC02-BL	LC duplex adapter, blue, for TeraSPEED 8.3/125 single-mode fiber	700002215
394576	HFA-LC02-KAQ	Keyed LC adapter, aqua	760090621
394577	HFA-LC02-KBK	Keyed LC adapter, black	760058867
394578	HFA-LC02-KSL	Keyed LC adapter, slate	760090654

# CommScope Enterprise Solutions Fiber

## SC Adapters

COMMSCOPE ENTERPRISE SOLUTIONS



The SC adapter accommodates the multimode or single-mode simplex or duplex SC connectors and ensures the proper alignment of the fibers. This adapter is easily mounted by snapping them into the adapter panel.

The C6000A-4 and the C6000A-5 are ceramic. The C6061A-4 sleeve is metallic and the C6060A-4 sleeve is ceramic.

### SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
149483	SFA-SC01-BL	SC simplex single-mode and adapter, snap-in flange, zirconia ceramic	700004807
181840	SFA-SC01-BL-FLANGLESS	SC simplex single-mode and multimode adapter, snap-in flangeless, blue, zirconia ceramic	700004799
289337	MFA-SC01-BG-FLANGLESS	SC simplex OptiSPEED adapter, beige	108223181

### DUPLEX

Anixter No.	Vendor No.	Description	Material ID
149482	SFA-SC02-BL	SC duplex adapter, blue, for TeraSPEED 8.3/125 single-mode fiber	700004815
164129	MFA-SC02-BG	SC duplex adapter, beige, for OptiSPEED 62.5/125 multimode fiber	700004880
236453	MFA-SC02-AQ	SC duplex adapter, aqua, for LazrSPEED 50/125 multimode fiber	108622895

## ST Adapters

COMMSCOPE ENTERPRISE SOLUTIONS



The C2000A and C3000A Adapters accommodate the STII Connector Plugs and ensure the proper alignment of the fibers. The adapter is based on a longitudinally split sleeve; the thickness of the sleeve's wall varies, causing its inside diameter to remain circular even when a cylindrical ferrule forces it open.

The C2000A Adapters are packaged with the coupling itself, lock washer and hex nut for mounting onto the coupling panels.

The LC adapters are preradiused and keyed. They are also for either 1.6 mm cordage or 0.9 mm cordage.

### HEX NUT

These adapters should not be used with the high-density shelf

Anixter No.	Vendor No.	Description	Material ID
088987	MFA-ST01	ST adapter, multimode, threaded, nickel-plated brass, plastic	700004864
105263	HFA-ST01	ST adapter with hex mounting nut, silver, for MM/SM fiber	700011133

### ROUND NUT

These adapters should be used with the high-density shelf

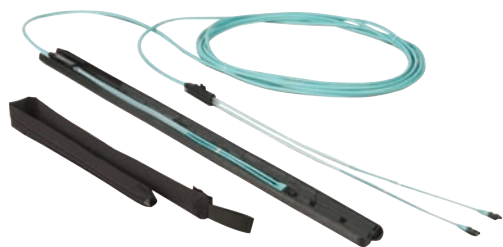
Anixter No.	Vendor No.	Description	Material ID
184324	MFA-ST01-CMN	ST adapter, multimode, threaded, nickel-plated zinc, plastic	700004914
184326	SFA-ST01-CMN	ST adapter, MM/SM, threaded, nickel-plated zinc, plastic	760001000

NOTE: ST adapters now come with a white dust cap for single-mode and a gray dust cap for multimode.

# Corning Cable Systems

## Plug & Play Universal Systems Trunks

CORNING CABLE SYSTEMS



Plug & Play Universal Systems trunks are available in fiber counts of 12 to 144 fibers. Trunks are terminated with the MTP Connector for high-density applications to provide space savings and rapid deployment with minimal error. The 12-fiber push-pull optical connector has a footprint similar to the SC simplex connector and provides a space savings of up to 45 percent and three times the fiber-tray capacity over traditional bulkier cabling solutions when used in conjunction with high-density cables. This serves to minimize weight in cable tray and reduce impediments to air flow for cooling.

### 12-FIBER 50 MICRON LOW-LOSS UNIVERSAL TRUNKS

Anixter No.	Vendor No.	Description
394835	A757512TD8AAU020F	20 ft.
394840	A757512TD8AAU030F	30 ft.
394841	A757512TD8AAU040F	40 ft.
394842	A757512TD8AAU050F	50 ft.
394843	A757512TD8AAU060F	60 ft.
394844	A757512TD8AAU070F	70 ft.
394845	A757512TD8AAU080F	80 ft.
394846	A757512TD8AAU090F	90 ft.
394847	A757512TD8AAU100F	100 ft.
394848	A757512TD8AAU110F	110 ft.
394849	A757512TD8AAU120F	120 ft.
394850	A757512TD8AAU130F	130 ft.
394851	A757512TD8AAU140F	140 ft.
394852	A757512TD8AAU150F	150 ft.
394853	A757512TD8AAU160F	160 ft.
394854	A757512TD8AAU170F	170 ft.
394855	A757512TD8AAU180F	180 ft.
394856	A757512TD8AAU190F	190 ft.
394857	A757512TD8AAU200F	200 ft.

### 24-FIBER 50 MICRON LOW-LOSS UNIVERSAL TRUNKS

Anixter No.	Vendor No.	Description
394858	A757524TD8AAU020F	20 ft.
394859	A757524TD8AAU030F	30 ft.
394860	A757524TD8AAU040F	40 ft.
394861	A757524TPNAAU050F	50 ft.
394862	A757524TD8AAU060F	60 ft.
394863	A757524TD8AAU070F	70 ft.
394864	A757524TD8AAU080F	80 ft.
394865	A757524TD8AAU090F	90 ft.
394866	A757524TPNAAU100F	100 ft.
394867	A757524TD8AAU110F	110 ft.
394868	A757524TD8AAU120F	120 ft.

Anixter No.	Vendor No.	Description
394869	A757524TD8AAU130F	130 ft.
394870	A757524TD8AAU140F	140 ft.
394871	A757524TPNAAU150F	150 ft.
394872	A757524TD8AAU160F	160 ft.
394873	A757524TD8AAU170F	170 ft.
394874	A757524TD8AAU180F	180 ft.
394875	A757524TD8AAU190F	190 ft.
394876	A757524TD8AAU200F	200 ft.

For ordering information, contact your local sales representative

## Plug & Play Universal Systems Extender Trunks

CORNING CABLE SYSTEMS

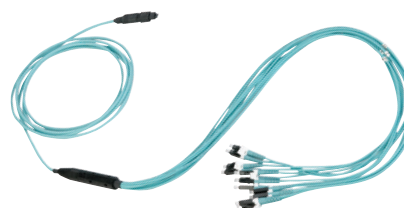


Plug & Play Universal Systems extender trunks are used to distribute portions, or all, of the fibers in a Plug & Play Universal Systems trunk to other areas in the infrastructure. For example, a high-fiber-count trunk can be deployed from a main distribution area (MDA) to a zone distribution area (ZDA). Lower-fiber-count extender trunks can then be utilized to distribute fiber from the ZDAs into cabinets.

For ordering information, contact your local sales representative.

## Plug & Play Universal Systems Harnesses

CORNING CABLE SYSTEMS



Plug & Play Universal Systems harnesses are used to break out the 12-fiber MTP Connectors terminated on trunk cables into duplex-style connectors. With a pinned MTP Connector on one end that connects to a Plug & Play Universal Systems trunk, the other end is equipped with simplex or duplex-style connectors designed to accommodate many ranges of leg-length requirements to ease fiber routing. The assembly uses a round plenum-rated interconnect cable with a small outside diameter which allows for easy routing without preferential bend concerns. The LC and SC duplex connectors are terminated on 2.0 mm legs, available in a range of lengths, providing a rugged solution in applications where up-jacketed legs are needed for direct installation into system electronics.

Use of harnesses provide a solution that occupies less space than traditional jumpers, as the cable end of the harness is much smaller than the equivalent six 2-fiber patch cords.

For ordering information, contact your local sales representative.

## Infrastructure

## Corning Cable Systems

## Plug &amp; Play Universal Systems Modules

CORNING CABLE SYSTEMS



Corning Cable Systems Plug & Play Universal Systems modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC or SC duplex connectors to facilitate patching into system equipment ports, patch panels or work area outlets. The module features LC or SC duplex port adapters across the front and one or two MTP Connector adapters across the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP Connector adapter(s).

Anixter No.	Vendor No.	Description
401470	CCH-UM12-05-70T	12-fiber MTP to LC, 50 $\mu$ m OM3
401471	CCH-UM24-05-70T	24-fiber MTP to LC, 50 $\mu$ m OM3
401476	CCH-UM12-05-93T	12-fiber MTP to LC low-loss, 50 $\mu$ m OM3
401477	CCH-UM24-05-93T	24-fiber MTP to LC low-loss, 50 $\mu$ m OM3
401472	CCH-UM12-04-89G	12-fiber MTP to LC, single-mode
401475	CCH-UM24-04-89G	24-fiber MTP to LC, single-mode

For additional configurations, contact your local sales representative.

## Plug &amp; Play Universal Systems Patch Cords

CORNING CABLE SYSTEMS



Corning Cable Systems offers the most complete line of connectors and factory-terminated cables, including low-loss jumpers to meet or exceed all industry standards for reflectance and insertion loss.

## PATCH CORDS

Patch cords allow connection between end equipment and Plug & Play Universal Systems Modules. Usually duplex cords (transmit/receive); they are available in a wide variety of fiber types, lengths and connector types.

Anixter No.	Vendor No.	Description
394980	E050502T5120002M	2-fiber, 2.0 mm zipcord riser, laser-optimized 50 $\mu$ m/300 m, ultrabend LC/LC, 2 meter
394981	E050502T5120003M	2-fiber, 2.0 mm zipcord riser, laser-optimized 50 $\mu$ m/300 m, ultrabend LC/LC, 3 meter
273793	050502K5120002M	2-fiber, 2.0 mm zipcord riser, 62.5 $\mu$ m, LC/LC, 2 meter
257211	050502K5120003M	2-fiber, 2.0 mm zipcord riser, 62.5 $\mu$ m, LC/LC ceramic, 3 meter

For additional configurations, contact your local sales representative.

## Rack-mountable Housings

CORNING CABLE SYSTEMS



Corning Cable Systems Rack-mountable Housings provide a mounting point for Plug & Play Universal Systems Modules. Modules snap into place without the need for tools. The housing provides protection for the cables and patch cords connecting to the modules and provides strain relief for the Plug & Play Universal Systems Trunks.

Anixter No.	Vendor No.	Description
268733	PCH-01U	1U tall, accepts up to two CCH connector panels or modules, supplied with one Universal Cable Clamp, two blank panels and installation hardware
330206	PCH-02U	2U tall, accepts up to four CCH connector panels or modules, supplied with one Universal Cable Clamp, four blank panels and installation hardware
268734	PCH-04U	4U tall, accepts up to 12 CCH connector panels or modules, supplied with one Universal Cable Clamp, 12 blank panels and installation hardware



# Corning Cable Systems

## ALTOS All-dielectric Gel-free Cables with FastAccess Technology

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Cables with FastAccess Technology are designed for outdoor and limited indoor use. The innovative FastAccess Technology combined with the all-dielectric gel-free loose-tube design simplifies removal of the cable jacket reducing cable end access time by up to 50 percent. Equally important is the overall reduction in risk of inadvertent fiber damage and risk to installers from sharp cable access tools.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes; the buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Medium-density polyethylene jacket is rugged, durable and easy to strip
- Available with extended operating temperature
- All-dielectric cable construction requires no bonding or grounding
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Campus backbones in lashed aerial and duct installations

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62.5-LTD-02	002KU4-T4130D20	2	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-04	004KU4-T4130D20	4	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-06	006KU4-T4130D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-08	008KU4-T4130D20	8	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-12	012KU4-T4130D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-18	018KU4-T4130D20	18	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-24	024KU4-T4130D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-36	036KU4-T4130D20	36	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-48	048KU4-T4130D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-72	072KU4-T4130D20	72	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

#### 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM2-LTD-06	006TU4-T4131D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM2-LTD-12	012TU4-T4131D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM2-LTD-24	024TU4-T4131D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

#### 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM3-LTD-06	006TU4-T4180D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM3-LTD-12	012TU4-T4180D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM3-LTD-24	024TU4-T4180D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

Continued on next page >>

## Infrastructure

## Corning Cable Systems

(continued) ALTOS All-dielectric Gel-free Cables with FastAccess Technology

## 50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM4-LTD-06	006TU4-T4190D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTD-12	012TU4-T4190D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTD-24	024TU4-T4190D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTD-48	048TU4-T4190D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR8.3-LTD-02	002EU4-T4101D20	2	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-04	004EU4-T4101D20	4	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-06	006EU4-T4101D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-12	012EU4-T4101D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-24	024EU4-T4101D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-36	036EU4-T4101D20	36	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-48	048EU4-T4101D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-72	072EU4-T4101D20	72	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-96	096EU4-T4101D20	96	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTD-144	144EU4-T4101D20	144	0.62	15.8	600	2700	200	890	9.3	23.7	6.2	15.8

HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62-HYBD-12/12	024XU4-CH746D20	12 MM/12 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62-HYBD-18/6	024XW4-CH724D20	18 MM/6 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62-HYB-24/12	036XU4-AQ190D20	24 MM/12 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62-HYB-24/24	048XU4-AX776D20	24 MM/24 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

## Tactical Fiber Optic Cable

## CORNING CABLE SYSTEMS

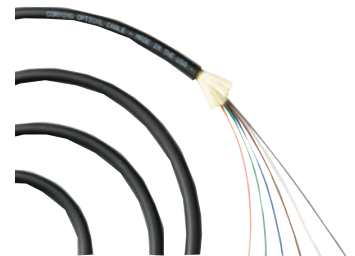
Corning Cable Systems Tactical Fiber Optic Cable is for routing in all environments or conditions between buildings and modular telecommunications gear for secure, dependable communications, data or video. This flexible cable uses 900  $\mu$ m TBII Buffered Fibers surrounded by dielectric strength members and is protected by a rugged polyurethane outer jacket that provides superior environmental and mechanical protection.

## FEATURES

- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric construction requires no grounding or bonding
- Polyurethane outer jacket provides environmental and mechanical protection
- Flexibility facilitates portability through deployment and retraction of the cable onto a reel

## APPLICATIONS

Military mobile communications - temporary or permanent communications systems  
 Traffic and video control - optical feeds in rugged environments  
 Broadcast video - temporary or permanent setups at events  
 Industrial or other harsh environments - extreme conditions such as abrasive or chemical atmospheres and high-crush environments



# Corning Cable Systems

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR8.3-TBTACT-12	012H8U-31131-24	12	0.31	8.0	450	2000	90	400	3.1	8.0	1.6	4.0

For additional configurations, contact your local sales representative.

## ALTOS Lite Gel-free Cables, Single-jacket/Single-armor

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Lite Gel-free, Single-jacket/Single-armor cables are designed for direct-buried applications. The loose-tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter, while allowing flexibility to suit many system designs.



### FEATURES

- Single-armor construction provides additional crush and rodent protection
- High-strength rip cord under armor for ease of stripping
- Gel-free design makes cable access simple and requiring no cleanup
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Medium-density polyethylene jacket is rugged, durable and easy to strip
- Available with Gigabit Ethernet performance

### APPLICATIONS

Campus backbones in direct-buried installations

Also for aerial applications

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term.		Installation		Long Term.	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62.5-LTA-06	006KUC-T4130D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR62.5-LTA-12	012KUC-T4130D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR62.5-LTA-24	024KUC-T4130D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1

#### 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Min. Bend Radius				Min. Bend Radius			
					Installation		Long Term.		Installation		Long Term.	
			(in.)	(mm)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)
372-COROM2-LTA-06	006TUC-T4131D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM2-LTA-12	012TUC-T4131D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR8.3-LTA-06	006EUC-T4101D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTA-12	012EUC-T4101D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTA-24	024EUC-T4101D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1

# Corning Cable Systems

## ALTOS Figure-8 Gel-Free Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Figure-8 Gel-Free Cables are self-supporting aerial cables that are designed for easy and economical one-step installation. The loose-tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber.



### FEATURES

- Figure-8 cable design allows easy, one-step installation, using standard hardware and installation methods
- Can span in excess of 500 feet in NESC heavy-loading conditions; sag and tension information is available upon request
- Flexible, craft-friendly buffer tubes are easy to route in closures
- Standard buffer-tube size reduces the number of access tools required
- Dry cables, incorporating an innovative water-blocking design, eliminate the need for traditional flooding compound and provide efficient and craft-friendly cable preparation
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and facilitates midspan access
- Medium-density PE jacket is rugged, durable and easy to strip
- Available in a single-mode version

### Technical Information & Standards

All Figure-8 cables listed are loose-tube designs. Water-blocked, can be buried.

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

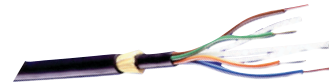
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Min. Bend Radius Installation		Long Term.	
			(in.)	(mm)	(in.)	(cm)	(in.)	(cm)
372-COR625-LTFIG8-04	004KUA-T4130D20	4	0.41	10.5	6.2	15.8	4.1	10.5
372-COR625-LTFIG8-06	006KUA-T4130D20	6	0.41	10.5	6.2	15.8	4.1	10.5
372-COR625-LTFIG8-12	012KUA-T4130D20	12	0.41	10.5	6.2	15.8	4.1	10.5
372-COR625-LTFIG8-24	024KUA-T4130D20	24	0.41	10.5	6.2	15.8	4.1	10.5

Note: For sag and tension information, contact your local sales representative.

## SOLO ADSS All-dielectric Self-supporting Optical Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems SOLO ADSS Optical Cables are all-dielectric, self-supporting aerial cables designed for easy and economical one-step installation.



### FEATURES

- Innovative dry cable with water-blocking technology eliminates the need for traditional flooding compound, providing more efficient and craft-friendly cable preparation
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- SZ-stranded, loose-tube design isolates fibers from installation, environmental rigors and allows for easy midspan access
- Available with a proprietary track-resistant polyethylene (TRPE) jacket for installations in up to 25 kV electric field potentials
- Spans in excess of 500 m (1,650 ft.) in NESC heavy-loading conditions
- Concentric, self-supporting cable design allows easy, one-step installation, providing installation cost savings
- All-dielectric cable construction requires no bonding or grounding
- Uses common support hardware and installation methods; cable installation and sag/tension guidelines are available
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Interbuilding backbones for self-supporting installations where metallic messengers cannot be used

For more information, contact your local sales office.

# Corning Cable Systems

## Tech Tip

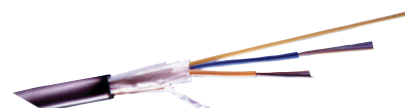
### CORNING CABLE SYSTEMS

The **ROL (reverse oscillation lay)** tube-stranding technique permits easy access to individual fibers when splicing midspan. The stranding (wrapping) orientation of the buffer tubes reverses direction at set intervals. The tubes can be unwrapped from the central member when the binders are cut at the reversal points.

## FREEDM LST Gel-free Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM LST Gel-free Cables are OFNR-rated, UV-resistant, fully water-blocked indoor/outdoor cables. They consist of up to two 2.5 mm, dry, buffer tubes each containing two to 12 250  $\mu\text{m}$ , color-coded optical fibers. The buffer tubes are surrounded by dielectric tensile elements.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- Flame-retardant jacket is rugged, durable and easy to strip
- Compact design, all-dielectric cable construction requires no grounding or bonding
- Color-coded fibers and buffer tubes for quick and easy identification during installation
- No preferential bend axis for easier installation and better handling
- UV-resistant and listed OFNR and FT4
- Compatible with buffer tube fan-out kit for rapid, simple termination
- Available with interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details.

### APPLICATIONS

Interbuilding and intrabuilding backbones in aerial, duct and riser applications

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR62.5-LTD-02	002KSF-T4130D20	2	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-04	004KSF-T4130D20	4	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-06	006KSF-T4130D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-08	008KSF-T4130D20	8	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-12	012KSF-T4130D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7

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## Infrastructure

## Corning Cable Systems

(continued) FREEDM LST Gel-free Cables

## 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)      (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM2-LTD-06	006TSF-T4131D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM2-LTD-12	012TSF-T4131D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM2-LTD-24	024TSF-T4131D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

					Max. Tensile Load				Min. Bend Radius			
		No. of	Cable O.D.		Installation		Long Term		Installation		Long Term	
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM3-LTD-06	006TSF-T4180D20	12	0.29	7.4	300	1330	90	400	4.9	11.1	1.5	3.7
373-COROM3-LTD-12	012TSF-T4180D20	12	0.29	7.4	300	1330	90	400	4.9	11.1	1.5	3.7
373-COROM3-LTD-24	024TSF-T4180D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

## 50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)      (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM4-LTD-06	006TSF-T4190D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM4-LTD-12	012TSF-T4190D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM4-LTD-24	024TSF-T4190D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

					Max. Tensile Load				Min. Bend Radius			
		No. of Fibers	Cable O.D.		Installation		Long Term		Installation		Long Term	
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR8.3LTD-06	006ESF-T4101D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR8.3LTD-12	012ESF-T4101D20	12	0.29	7.4	300	1300	90	400	4.4	11.1	1.5	3.7
373-COR8.3LTD-24	024ESF-T4101D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

## HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR625-HYBD-6/6	012XSF-A8074D20	6 MM/6 SM	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR625-HYBD-12/6	018XSF-A8075D20	12 MM/6 SM	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62-HYBD-12/12	024XSF-A8076D20	12 MM/12 SM	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

# Corning Cable Systems

## FREEDM Loose-Tube Gel-free Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose-Tube Gel-free Riser Cables are flame-retardant, UV-stabilized and fully water-blocked for use in indoor/outdoor applications. They are suitable for installation in duct, aerial and riser environments. Because they are riser-rated cables, there is no need for a transition splice when entering the building. Available from two to 288 fibers, the FREEDM Loose-Tube Cable buffer tubes and the fibers inside are color-coded for quick, easy identification.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Standard 2.5 mm buffer-tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- UV-resistant, flame-retardant jacket is rugged, durable and easy to strip
- All-dielectric cable construction requires no grounding or bonding
- Color-coded fibers and buffer tubes for quick and easy identification during installation
- Listed OFNR and FT4
- Available with interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

### APPLICATIONS

Campus backbones in aerial, duct and riser applications

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR62.5-LTD-36	036KUF-T4130D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR62.5-LTD-48	048KUF-T4130D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

#### 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 2,000 MHz • km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM3-LTRD-36	036TUF-T4180D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COROM3-LTRD-48	048TUF-T4180D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

#### 50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 5,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 4,700 MHz • km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM4-LTD-36	036TUF-T4190D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COROM4-LTD-48	048TUF-T4190D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

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## Infrastructure

## Corning Cable Systems

*(continued)* FREEDM Loose-Tube Gel-free Riser Cables

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR8.3LTD-36	036EUF-T4101D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR8.3LTD-48	048EUF-T4101D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR8.3LTD-72	072EUF-T4101D20	72	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR8.3LTD-96	096EUF-T4101D20	96	0.54	13.8	600	2700	180	810	8.1	20.7	5.4	13.8
373-COR8.3LTD-144	144EUF-T4101D20	144	0.70	17.7	600	2700	180	810	10.5	26.6	7.0	17.7

For fiber counts up to 24, see FREEDM LST Gel-Free Cables.

## FREEDM Loose-Tube Gel-free Interlocking Armored Riser Cables

## CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose Tube Gel-free Interlocking Armored Cables are flame-retardant, indoor/outdoor, riser-rated cables encased in a spirally wrapped interlocking metal tape for ruggedness and superior crush resistance. Because of the riser rating, there is no need for a transition splice when entering the building. These cables are fully water-blocked without the use of messy gels, providing for more efficient and craft-friendly cable preparation. Available from 24 to 120 fibers, the buffer tubes and fibers in each tube are color-coded for quick, easy identification.



## FEATURES

- Interlocking armor provides mechanical protection
- Meets cyclic-impact and chemical-resistance tests for superior performance
- Listed OFCR-LS and CSA OFC FT4-ST1
- Tested to industrial-ruggedness standards
- Meets burn-test criteria

## APPLICATIONS

Inter- and intrabuilding backbones in aerial, duct and riser applications  
 Industrial and heavy-traffic areas  
 Installations requiring extra protection for optical cables  
 Designed for building backbones and harsh environments atypical of traditional datacom systems  
 Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR625-LTAIRL-06	006KUF-T4130DA1	6	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
373-COR625-LTAIRL-24	024KUF-T4130DA1	24	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM2-LTRA-06	006TUF-T4131DA1	6	0.76	19.8	600	2700	180	810	29.7	11.8	7.8	19.9
373-COROM2-LTRA-12	012TUF-T4131DA1	12	0.76	19.8	600	2700	180	810	29.7	11.8	7.8	19.9
373-COROM2-LTRA-24	024TUF-T4131DA1	24	0.76	19.8	600	2700	180	810	29.7	11.8	7.8	19.9

# Corning Cable Systems

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COROM3-LTRA-06</b>	006TUF-T4180DA1	6	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
<b>373-COROM3-LTRA-12</b>	012TUF-T4180DA1	12	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
<b>373-COROM3-LTRA-24</b>	024TUF-T4180DA1	24	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COR8.3-LTAIRL-06</b>	006EUF-T4101DA1	6	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
<b>373-COR8.3-LTAIRL-12</b>	012EUF-T4101DA1	12	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
<b>373-COR8.3-LTAIRL-24</b>	024EUF-T4101DA1	24	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9

## FREEDM Fan-out Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNR FREEDM Fan-out Cables utilize flame-retardant, 900  $\mu$ m, TBII Buffered Fiber subunits surrounded by water-resistant, dielectric strength members and protected by a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNR- and FT4-listed. These cables are ideal for routing inside/outside buildings into riser spaces; to security, surveillance or monitoring cameras; and within telecommunications rooms and workstations.



### SPECIFICATIONS

1. Approvals and listings: NEC OFNR, CSA FT4
2. Design criteria ICEA S-104-696
3. Storage temperature -40°C to +70°C (-40°F to +158°F)
4. Installation temperature -10°C to +70°C (+14°F to +158°F)
5. Operating temperature -40°C to +70°C (-40°F to +158°F)

### FEATURES

- Indoor/outdoor temperature- and water-resistant performance provides superior environmental protection
- No need for transition splice entering a building
- Easily terminated 2.9 mm subunits enable field terminations
- 900  $\mu$ m, TBII Buffered Fibers enable easy, consistent stripping
- Small diameter and bend radius allow easy installation in space-constrained areas
- Available in single-mode and multimode fibers
- All-dielectric cable construction requires no grounding or bonding
- Availability with approval for TEMPEST applications
- Listed OFNR and FT4
- RoHS-compliant
- ICEA S-104-696 tests
- Also available in a 3- and 4-fiber configuration
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

### APPLICATIONS

Premises security: ideal for providing direct optical connections from indoor and outdoor surveillance cameras to security control locations  
 Traffic control: optical feeds in rugged environments  
 Building networks: low-fiber-count connections within building backbone riser and horizontal spaces  
 Premises data: may be used for direct terminations inside and between building locations  
 Secure communications: ideal for providing a secure link for surveillance or data

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## Infrastructure

## Corning Cable Systems

*(continued)* FREEDM Fan-out Cables

## 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.5/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation	Long Term			Installation	Long Term		
			(in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
373-COR62.5-F02.9-02	002K6F-31130-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

## 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum LED bandwidth: 500/500 MHz•km (850/1300 nm); effective modal bandwidth: 510 MHz•km (850 nm); serial Gigabit Ethernet distance: 600/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation	Long Term			Installation	Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM2-F02.9-02	002T6F-31131-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	11.4	9.5	7.6	3.0

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.5 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation	Long Term			Installation	Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM3-F02.9-02	002T6F-31180-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation	Long Term			Installation	Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR8.3-F02.9-02	002E6F-31131-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

## FREEDM Ribbon Riser Cables

## CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Ribbon Riser cables are lightweight cables designed for indoor/outdoor applications. A UV-resistant, flame-retardant jacket allows added flexibility in placing this cable outdoors, whether it is an aerial or duct application, or indoors in general horizontal or riser applications. The cable consists of a ribbon stack of 12-fiber ribbons within a gel-filled central buffer tube. Surrounding the tube are dielectric strength members, which provide tensile strength, and innovative dry cable water-blocking tapes, which reduce cable preparation time and weight.



## FEATURES

- Listed OFNR, available from 12 to 216 fibers
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- 12-fiber ribbons with readily identifiable ribbon ID numbers and fiber colors
- Easily accessible individual, 250 μm, colored fibers
- Precise fiber and ribbon geometries result in excellent mass-splicing yields
- Available preconnectorized for easy field installation and reduced labor costs
- Superior water-blocking performance using craft-friendly, swellable polymer technology
- Compatible with standard ribbon cable procedures and hardware
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Corning Cable Systems offers optional colored cable jackets

## APPLICATIONS

Campus backbones in aerial, duct and riser applications



# Corning Cable Systems

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-537-SMODERIB-24	024ECF-14101-20	24	0.46	11.6	600	2700	135	600	6.9	17.4	4.6	11.6
370-537-SMODERIB-48	048ECF-14101-20	48	0.46	11.6	600	2700	135	600	6.9	17.4	4.6	11.6
370-537-SMODERIB-72	072ECF-14101-20	72	0.51	12.7	600	2700	135	600	7.5	19.1	5.0	12.7
370-537-SMODERIB-216	216ECF-14101-20	216	0.69	17.6	600	2700	135	600	10.4	26.4	6.9	17.6

For more information, contact your local sales office.

## FREEDM Loose Tube Gel-free Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose-Tube Gel-free Plenum Cables are flame-retardant, indoor/outdoor, plenum-rated cables suitable for installation in aerial, duct and riser or plenum applications. The plenum rating of this cable eliminates the need for a transition splice when entering the building and minimizes routing restrictions once inside the building. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed.



### FEATURES

- 250  $\mu$ m color-coded fibers for quick and easy identification during installation
- Loose-tube design for mechanical ruggedness and environmental durability
- All-dielectric cable construction requires no grounding or bonding
- Available in 62.5  $\mu$ m, 50  $\mu$ m (including laser-optimized 50  $\mu$ m) and single-mode versions
- Gel-free providing for more efficient and craft-friendly cable preparation
- Flexible, flame-retardant jacket that is UV-resistant and enables direct exposure to sunlight
- Available in interlocking armor for special applications requiring additional mechanical durability
- Corning Cable Systems offers optional colored cable jackets

### APPLICATIONS

Inter- and intrabuilding backbones in aerial, duct and plenum applications

For more information, contact your local sales office.

## FREEDM One Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM One Plenum Cables are OFNP- and FT6-listed, UV-resistant and fully water-blocked for indoor/outdoor applications. They are suitable for duct, aerial and direct-buried installations with no need for a transition splice when entering the building. Available in fiber counts of 6, 12 and 24 fibers, the tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN).



### FEATURES

- Eliminates cable transition at the building entrance, reducing installation time and cost in addition to increasing operating margin
- Tight-buffered design eliminates need for fan-out kits
- ANSI/TIA-598, color-coded, 900  $\mu$ m, TBII Buffered Fibers for easy identification and direct termination
- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric cable construction eliminates grounding and bonding concerns
- UV-resistant, flame-retardant outer jacket is rugged and durable
- Dry cable water-blocking technology for OSP applications
- OFNP- and FT6-listed for plenum, riser and general-purpose use
- Available with 62.5  $\mu$ m, 50  $\mu$ m and single-mode fiber
- ICEA S-104-696 test criteria
- Riser-rated version available
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

Continued on next page >>

## Infrastructure

## Corning Cable Systems

*(continued)* FREEDM One Plenum Cables

## 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR62.5-TBD-06	006K8P-31130-29	6	0.24	6.2	300	1335	90	400	3.7	9.3	2.4	6.2
373-COR62.5-TBD-12	012K8P-31130-29	12	0.29	7.3	300	1335	90	400	4.3	11.0	2.9	7.3
373-COR62.5-TBD-24	024K8P-31130-29	24	0.43	10.9	600	2670	180	800	6.5	16.4	4.3	10.9

## SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR8.3-TBD-06	006E8P-31131-29	6	0.24	6.2	300	1335	90	400	3.7	9.3	2.4	6.2
373-COR8.3-TBD-12	012E8P-31131-29	12	0.29	7.3	300	1335	90	400	4.3	11.0	2.9	7.3
373-COR8.3-TBD-24	024E8P-31131-29	24	0.43	10.9	600	2670	180	800	6.5	16.4	4.3	10.9

## FREEDM One Riser Cables

## CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM One Riser Cables are OFNR-/FT4-listed, UV-resistant and fully water-blocked for indoor/outdoor applications. They are suitable for duct, aerial and direct-buried installations with no need for a transition splice when entering the building. Available in fiber counts of 6, 12 and 24 fibers, the tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN).



## FEATURES

- Eliminates cable transition at the building entrance, reducing installation time and cost in addition to increasing channel operation margin
- Tight-buffered design eliminates need for fan-out kits
- ANSI/TIA-598, color-coded, 900  $\mu$ m TBII Buffered Fibers for easy identification and direct termination
- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric cable construction eliminates grounding and bonding concerns
- UV-resistant, flame-retardant outer jacket is rugged and durable
- Dry cable water-blocking technology for OSP applications
- OFNR- and FT4-listed for riser and general-purpose use
- Available with 62.5  $\mu$ m, 50  $\mu$ m and single-mode fiber
- ICEA S-104-696 test criteria
- Also available in OFNP- and FT6-listed cables
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

## 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR62.5-TBRD-06	006K8F-31130-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
373-COR62.5-TBRD-12	012K8F-31130-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
373-COR62.5-TBRD-24	024K8F-31130-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

# Corning Cable Systems

## 50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COROM2-TBRD-06</b>	006T8F-31131-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
<b>373-COROM2-TBRD-12</b>	012T8F-31131-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
<b>373-COROM2-TBRD-24</b>	024T8F-31131-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COROM3-TBRD-06</b>	006T8F-31180-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
<b>373-COROM3-TBRD-12</b>	012T8F-31180-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
<b>373-COROM3-TBRD-24</b>	024T8F-31180-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

## SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COR8.3-TBRD-06</b>	006E8F-31131-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
<b>373-COR8.3-TBRD-12</b>	012E8F-31131-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
<b>373-COR8.3-TBRD-24</b>	024E8F-31131-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

## ALTOS LSZH Gel-free Cables, OFN-LS-listed

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS LSZH cables are designed for indoor and outdoor use. The loose-tube cable construction, pioneered by Corning Cable Systems, places fibers in buffer tubes and provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs. The outer jacket uses a flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5 μm, 50 μm, single-mode, and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Specially formulated black, flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread
- All-dielectric construction
- Ideal for industrial and tunnel applications
- Available with interlocking armor
- IEEE-383-compliant
- Listed OFN-LS and CSA OFN FT4-ST1 up to 288 fibers
- Available with Gigabit Ethernet performance
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

### APPLICATIONS

Interbuilding backbones in aerial and duct environments  
Horizontal intrabuilding and tunnel backbones where low smoke zero halogen requirements exist

Continued on next page >>

## Infrastructure

## Corning Cable Systems

(continued) ALTOS LSZH Gel-free Cables, OFN-LS-listed

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load		Min. Bend Radius	
					Installation (lb.) N	Long Term (lb.) N	Installation (in.) (cm)	Long Term (in.) (cm)
373-COR62-LTLSZH-06	006KUZ-T4130D20	6	0.49	12.5	600 2700	180 810	7.4 18.8	4.9 12.5
373-COR62-LTLSZH-12	012KUZ-T4130D20	12	0.49	12.5	600 2700	180 810	7.4 18.8	4.9 12.5
373-COR62-LTLSZH-24	024KUZ-T4130D20	24	0.49	12.5	600 2700	180 810	7.4 18.8	4.9 12.5

## Industrial Fiber Optic Cables LSZH Single-jacket, 12-288 Fibers

## CORNING CABLE SYSTEMS

Corning Cable Systems LSZH Industrial Fiber Optic Cables are designed for industrial building backbones and harsh environments atypical of traditional datacom systems. Based on the proven stranded loose-tube cable designs, these industrial cables are flame-retardant and have been tested to meet mechanical/environmental conditions exceeding the requirements set for traditional datacom cables. They have also demonstrated superior performance levels when tested to specified "tray" application requirements for compressive loading, cyclic impact and chemical resistance. The 250  $\mu$ m color-coded individual fibers offer quick and easy identification during installation, with 50  $\mu$ m, 62.5  $\mu$ m and single-mode versions available. A ruggedized armored version is also offered for additional mechanical protection.



## FEATURES

- Key life-safety benefit: low smoke zero halogen (LSZH) sheath
- Superior performance: meets cyclic-impact and chemical-resistance tests
- Proven design: based on stranded loose-tube cable
- Meets burn-test criteria: listed OFN-LS and CSA FT4-ST1
- Gel-filled: available in cold-temperature version
- Available with MSHA (Mine Safety and Health Administration) approval
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

## Technical Information &amp; Standards

National Electrical Code (NEC) OFN-LS, CSA OFN FT4-ST1

Sunlight-resistant (SUN RES)

IEEE-383 flame test, IEC 60332-3, IEC 60754-2, IEC 61034

Suitable for direct burial (DIR BUR)

ANSI/ICEA S-104-696; UL 13; UL 444; UL 1277; CSA C22 No. 230 and No. 232

## APPLICATIONS

Outdoor aerial and duct; indoor general-purpose horizontal according to NEC Article 770

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load		Min. Bend Radius	
					Installation (lb.) N	Long Term (lb.) N	Installation (in.) (cm)	Long Term (in.) (cm)
373-COR62-LITRAY-24	024KUZ-T4130D2N	24	0.49	4.5	600 2700	180 810	7.9 18.8	4.9 12.5
373-COR62-LITRAY-48	048KUZ-T4130D2N	48	0.49	4.5	600 2700	180 810	7.9 18.8	4.9 12.5
373-COR62-LITRAY-72	072KUZ-T4130D2N	72	0.49	4.5	600 2700	180 810	7.9 18.8	4.9 12.5
373-COR62-LITRAY-96	096KUZ-T4130D2N	96	0.60	15.3	600 2700	180 810	9.0 23.0	6.0 15.3
373-COR62-LITRAY-144	144KUZ-T4130D2N	144	0.79	18.9	600 2700	180 810	11.2 28.9	7.4 18.9

# Corning Cable Systems

## Industrial Fiber Optic Cables LSZH Double-jacket Cable

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS LSZH cables are designed for indoor and outdoor use. The loose-tube cable construction, pioneered by Corning Cable Systems, places fibers in buffer tubes and provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs. The outer jacket uses a flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode, and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Specially formulated black, flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread
- All-dielectric construction
- Ideal for industrial and tunnel applications
- Available with interlocking armor
- IEEE-383-compliant, IEC 60332-3, IEC 60754-2
- Listed OFN-LS and CSA OFN FT4-ST1 up to 288 fibers
- Available with MSHA (Mine Safety and Health Administration) approval
- Available with Gigabit Ethernet performance
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details

### APPLICATIONS

Interbuilding backbones in aerial and duct environments  
Horizontal intrabuilding and tunnel backbones where low smoke zero halogen requirements exist

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR62-LITRAYD-12	012KUL-T4630C2N	12	0.69	17.6	1030	4500	340	1500	10.4	26.4	6.9	17.5
373-COR62-LITRAYD-24	024KUL-T4630C2N	24	0.69	17.6	1030	4500	340	1500	10.4	26.4	6.9	17.6
373-COR62-LITRAYD-36	036KUL-T4630C2N	36	0.69	17.6	1030	4500	340	1500	10.4	26.4	6.9	17.6

## Industrial Fiber Optic Cables LSZH Corrugated Armored Cable, 12-288 Fibers

### CORNING CABLE SYSTEMS

Corning Cable Systems LSZH Corrugated Armored Cable design is based on the proven stranded loose-tube cable designs. These tray-rated industrial cables are flame-retardant and have been tested to meet mechanical/environmental conditions exceeding the requirements set for traditional datacom cables. When tested to specified "tray" application requirements, these cables have demonstrated superior performance levels for compressive loading, cyclic impact and chemical resistance. This ruggedized armored version offers additional mechanical protection and is also available in a gel-filled, cold-temperature version. The 250  $\mu\text{m}$  color-coded individual fibers offer quick and easy identification during installation, with 50  $\mu\text{m}$ , 62.5  $\mu\text{m}$  and single-mode versions available. A key benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath.



### FEATURES

- Corrugated armor provides mechanical protection
- Meets cyclic-impact and chemical-resistance tests for superior performance
- Tray-rated per UL 13; UL 444; UL 1277; UL 1666; CSA C22.2 No. 230 and No. 232
- Listed OFCR-LS and CSA OFC FT4-ST1
- Tested to industrial-ruggedness standards
- IEEE-383-compliant, IEC 60332-3, IEC 60754-2, IEC 61034
- Meets burn-test criteria
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details.

### APPLICATIONS

Designed for industrial-building backbones and harsh environments atypical of traditional datacom systems

To order, contact your local sales representative.



## Infrastructure

## Corning Cable Systems

## Single-fiber Riser Cables

## CORNING CABLE SYSTEMS

Corning Cable Systems single-fiber riser cable uses a 900  $\mu\text{m}$  TBI Buffer Fiber surrounded by aramid yarn-strength members and an improved flexible, flame-retardant jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are listed as Type OFNR.



## FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBI Buffer Fiber for easy coating removal
- Buffering diameter: 900  $\mu\text{m}$
- Approvals, listings and standards: NEC OFNR, CSA FT4, ICEA S-83-596
- Flame resistance: UL 1666 (for riser and general-purpose building applications)

## 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation	Long Term	Installation	Long Term	Installation	Long Term	Installation	Long Term
370-147-62SJ-1	001K31-31141-24	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
370-047-6125-01	001K31-31341-24	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation	Long Term	Installation	Long Term	Installation	Long Term	Installation	Long Term
370-147-SMODE-1	001E31-31131-24	1	0.11	2.9	50	220	15	66	2.0	5.0	1.0	2.5
370-047-8125-01	001E31-31331-24	1	0.08	2.0	50	220	15	66	2.0	5.0	1.0	2.5

## Industrial Fiber Optic Cables LSZH Gel-Free Interlocking Armored Cable 12-288 Fibers

## CORNING CABLE SYSTEMS

When tested to specified "tray" application requirements, these cables have demonstrated superior performance levels for compressive loading, cyclic impact and chemical resistance. This gel-free interlocking armored version offers additional mechanical protection and is also available in a gel-filled, cold-temperature version. The 250  $\mu\text{m}$  color-coded individual fibers offer quick and easy identification during installation, with 50  $\mu\text{m}$ , 62.5  $\mu\text{m}$  and single-mode versions available. A key benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath.



## FEATURES

- Interlocking armor provides mechanical protection
- Meets cyclic-impact and chemical-resistance tests for superior performance
- Listed OFC-LS and CSA OFC FT4-ST1
- IEEE-383-compliant, IEC 60332-3, IEC 60754-2, IEC 61034
- Tested to industrial-ruggedness standards
- Meets burn-test criteria
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details.

## APPLICATIONS

Designed for industrial-building backbones and harsh environments atypical of traditional datacom systems

To order, contact your local sales representative.

# Corning Cable Systems

## Single-fiber Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems single-fiber plenum cable uses a 900  $\mu\text{m}$  TBI Buffer Fiber surrounded by aramid yarn-strength members and an improved flexible, flame-retardant jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are listed as Type OFNP. They are ideal for interconnect applications within plenum areas.



#### FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBI Buffer Fiber for easy coating removal
- Buffering diameter: 900  $\mu\text{m}$
- Approvals, listings and standards: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general purpose building applications)

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-148-62SJ-1	001K38-31141-29	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5

NOTE: Also available in single-mode.

## 2-fiber Zipcord Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems Zipcord Cable utilizes two 900  $\mu\text{m}$  TBI Buffer Fibers surrounded by aramid yarn-strength members with a flame-retardant jacket. This cable meets the application requirements of the National Electrical Code (NEC Article 770) and is listed as Type OFNR and CSA FT4. Zipcord cable is ideal for interconnect applications and is available with approval for TEMPEST applications.



#### FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBI Buffer Fiber for easy coating removal
- Buffering diameter: 900  $\mu\text{m}$
- Approvals and listings: NEC OFNR, CSA FT4, ICEA S-83-596
- Flame resistance: UL 1666 (for riser and general building applications)
- Not compatible with MT-RJ connectors

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-147-62SJ-2	002K51-31141-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

#### 50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-ZIP2.8-02	002T51-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

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## Infrastructure

## Corning Cable Systems

## (continued) 2-fiber Zipcord Riser Cables

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius			
				Installation		Long Term		Installation		Long Term	
				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-147-SMODE-2	002E51-31131-24	2	0.11 x 0.22	50	220	15	66	2.0	5.0	1.0	2.5

## Application Notes

## Fiber Jumper Cordage

Zipcord duplex, dual-subunit duplex and simplex jumper cordage require no breakout kit for connectorization. Jacket O.D. on the individual units is 1.6 to 3.0 mm. Round duplex jumper cordage typically used for duplex connector cable assemblies (i.e., FDDI, MT-RJ) requires a breakout kit only if the other end of the cable assembly is to be connectorized with simplex connectors (ST, FC, etc.). No breakout kit is used if round duplex cordage is to be connectorized at both ends with a duplex connector. Note: One side of zipcord is printed the entire length to identify fiber #1 from #2.

## 2-fiber Zipcord Plenum Cables

## CORNING CABLE SYSTEMS

Corning Cable Systems Zipcord Cable utilizes two 900  $\mu$ m TBII Buffered Fibers surrounded by aramid yarn-strength members with a flexible, flame-retardant jacket. This cable meets the application requirements of the National Electrical Code (NEC Article 770) and is listed as Type OFNP and CSA FT6. Zipcord cable is ideal for interconnect applications within plenum areas.



## FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900  $\mu$ m
- Approvals and listings: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general building applications)

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius			
				Installation		Long Term		Installation		Long Term	
				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-148-62SJ-2	002K58-31141-24	2	0.11 x 0.22	50	220	15	66	2.0	5.0	0.55	1.4

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius			
				Installation		Long Term		Installation		Long Term	
				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM2-ZIP2.0-02	002T58-31331-24	2	0.07 x 0.14	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 2,000 MHz • km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius			
				Installation		Long Term		Installation		Long Term	
				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-ZIP2.0-02	002T58-31380-24	2	0.07 x 0.14	50	220	15	66	2.0	5.0	0.40	1.0

# Corning Cable Systems

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-148-SMODE-2	002E58-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	1.0	2.5

## MIC Riser Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Riser Cables are multifiber cables utilizing 900  $\mu\text{m}$  TBI Buffered Fibers surrounded by dielectric strength members and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNR- and FT4-listed. These cables are ideal for intrabuilding cabling including riser shafts, telecommunications rooms and workstations.



### FEATURES

- Utilizes 900  $\mu\text{m}$  TBI Buffered Fibers, enabling easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric construction requires no grounding and bonding
- Available with metallic interlocking armor or all-dielectric interlocking armor
- Availability with approval for TEMPEST applications
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR and FT4
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbone and horizontal installations in riser and general purpose environments

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
370-947-FDDI-02	002K81-31130-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
370-947-FDDI-04	004K81-31130-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
370-947-FDDI-06	006K81-31130-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
370-947-FDDI-08	008K81-31130-24	8	0.24	6.0	150	660	45	200	3.6	9.0	2.4	6.0
370-947-FDDI-12	012K81-33130-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-FDDI-18	018K81-33130-24	18	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-947-FDDI-24	024K81-33130-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
371-COROM2-TBD-02	002T81-31131-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
371-COROM2-TBD-04	004T81-31131-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
371-COROM2-TBD-06	006T81-31131-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
371-COROM2-TBD-12	012T81-33131-24	12	0.25	6.3	150	660	45	200	3.7	9.5	2.5	3.2
371-COROM2-TBD-24	024T81-33131-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

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# Corning Cable Systems

(continued) MIC Riser Cables (2-24 Fiber)

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-COROM3-TBD-06</b>	006T81-31180-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
<b>371-COROM3-TBD-12</b>	012T81-33180-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
<b>371-COROM3-TBD-24</b>	024T81-33180-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-947-SMODE-02</b>	002E81-31131-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
<b>370-947-SMODE-04</b>	004E81-31131-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
<b>370-947-SMODE-06</b>	006E81-31131-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
<b>370-947-SMODE-08</b>	008E81-31131-24	8	0.24	6.0	150	660	45	200	3.6	8.9	2.4	9.0
<b>370-947-SMODE-12</b>	012E81-33131-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
<b>370-947-SMODE-24</b>	024E81-33131-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

## HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-947-HYBRID-6/6</b>	012X81-A9030-24	6 MM/6 SM	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
<b>370-947-HYBRID-12/6</b>	018X81-A9044-24	12 MM/6 SM	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
<b>370-947-HYBRID-12/12</b>	024X81-A9034-24	12 MM/12 SM	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0
<b>370-947-HYBRID-24/12</b>	036X81-A9037-24	24 MM/12 SM	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8

## HYBRID: 50/125 MULTIMODE (OM2) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-050-HYBMIC-06/12</b>	018X81-A8700-24	6 MM/12 SM	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
<b>370-050-HYBMIC-12/24</b>	036X81-A8371-24	12 MM/24 SM	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8

## Application Notes

### Fiber Optic Cable Color Code

Fiber optic cables follow the same basic color-coding scheme as standard copper telephone cables, with the exception that fibers are colored individually, not in pairs. In outside plant fiber cables, individual groups of fibers are bound together for identification by colored yarn or tubes. These binder groups follow the same color-code scheme as the individual fibers so that the color of the first tube and the first fiber are the same, and so on. This eliminates confusion during the installation of higher-fiber-count cables, because the installer can work with one binder group at a time, following the color code to terminate each fiber bundle in order.

The standard color code is as follows:

1. Blue, 2. Orange, 3. Green, 4. Brown, 5. Slate, 6. White, 7. Red, 8. Black, 9. Yellow, 10. Violet, 11. Rose, 12. Aqua.

In cables of 18 to 24 fibers, a stripe or black dash is used to identify fibers #13 to #24.



# Corning Cable Systems

## MIC Unitized Riser Cables (36-144 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Unitized Riser Cables are multifiber cables with multiple subunits of 6 or 12 tight-buffered fibers stranded around a dielectric central member with dielectric-strength members and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC) and are OFNR- and FT4-listed. These cables are ideal for routing inside buildings including in riser shafts, to telecommunications rooms and to workstations.



### FEATURES

- Multifiber cable with multiple subunits of 6 or 12 fibers
- Utilizes TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric construction requires no grounding or bonding
- Available with metallic interlocking armor
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR and FT4
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbones in riser and general-purpose installations

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-FDDI-36	036K81-61130-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
370-947-FDDI-48	048K81-61130-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
370-947-FDDI-72	072K81-T3130-24	72	0.73	18.6	300	1320	90	400	11.0	27.9	7.3	18.6

#### 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-TBD-48	048T81-61131-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8

#### 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-SMODE-36	036E81-61131-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
370-947-SMODE-48	048E81-61131-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
370-947-SMODE-72	072E81-T3131-24	72	0.73	18.6	300	1320	90	400	11.0	27.9	7.3	18.6

# Corning Cable Systems

## MIC Plenum Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNP MIC cables utilize 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by dielectric strength members with a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. These cables are ideal for routing inside buildings within plenum areas and riser shafts to telecommunications rooms and workstations.



### FEATURES

- 900  $\mu\text{m}$  TBII Buffered Fibers enable easy, consistent stripping
- Small diameter and bend radius allow easy installation in space-constrained areas
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Available with metallic interlocking armor and all-dielectric interlocking armor
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Building backbone and horizontal installations in plenum, riser and general purpose environments

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-949-FDDI-02	002K88-31130-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-949-FDDI-04	004K88-31130-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-949-FDDI-06	006K88-31130-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-949-FDDI-08	008K88-31130-29	8	0.23	5.9	100	440	30	132	3.5	8.9	2.3	5.9
370-949-FDDI-12	012K88-33130-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-949-FDDI-18	018K88-33130-29	18	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-949-FDDI-24	024K88-33130-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

#### 50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM2-TBD-02	002T88-31131-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-COROM2-TBD-04	004T88-31131-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM2-TBD-06	006T88-31131-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM2-TBD-08	008T88-31131-29	8	0.23	5.9	100	440	30	132	3.5	8.9	2.3	5.9
370-COROM2-TBD-12	012T88-33131-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM2-TBD-18	018T88-33131-29	18	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-COROM2-TBD-24	024T88-33131-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

# Corning Cable Systems

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-TBD-06	006T88-31180-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM3-TBD-12	012T88-33180-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM3-TBD-24	024T88-33180-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

## 50/125 MULTIMODE (OM4)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM4-TBD-06	006T88-31190-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM4-TBD-12	012T88-33190-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM4-TBD-24	024T88-33190-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-948-SMODE-02	002E88-31131-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-948-SMODE-04	004E88-31131-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-948-SMODE-06	006E88-31131-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-948-SMODE-12	012E88-33131-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-948-SMODE-24	024E88-33131-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

## HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-949-HYBRID-6/6	012X88-A9031-29	6 MM/6 SM	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-949-HYBRID-12/6	018X88-A9045-29	12 MM/6 SM	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-949-HYBRID-12/12	024X88-A9036-29	12 MM/12 SM	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8
370-949-HYBRID-18/6	024X88-A9035-29	18 MM/6 SM	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8
370-949-HYBRID-24/12	036X88-A9038-29	24 MM/12 SM	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8

# Corning Cable Systems

## MIC Unitized Plenum Cables (36-144 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems Plenum MIC Unitized Cables are multifiber cables with stranded subunits of six or 12 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by a dielectric strength member and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. They are ideal for routing inside buildings within plenum areas and riser shafts to the telecommunications rooms and workstations.

### FEATURES

- Stranded subunits of six or 12 900  $\mu\text{m}$  fibers
- TBII Buffered Fibers enable easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Available with metallic interlocking armor up to 72 fibers
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbone installations in plenum, riser and general-purpose environments

#### 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-949-FDDI-36	036K88-61130-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
370-949-FDDI-48	048K88-61130-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-949-FDDI-72	072K88-T3130-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6
370-949-FDDI-96	096K88-T3130-29	96	0.87	22.2	150	660	45	200	13.1	33.3	8.7	22.2

#### 50/125 MULTIMODE (OM2)

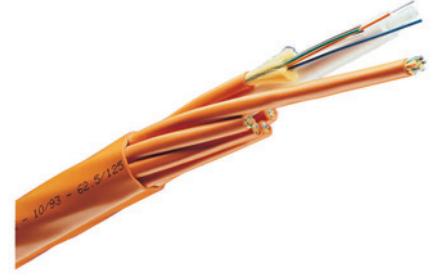
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM2-TBD-48	048T88-61131-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-COROM2-TBD-72	072T88-T3131-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

#### 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 2,000 MHz • km (850 nm); serial 10 Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-TBD-48	048T88-61180-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-COROM3-TBD-72	072T88-T3180-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6



# Corning Cable Systems

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-948-SMODE-36</b>	036E88-61131-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
<b>370-948-SMODE-48</b>	048E88-61131-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
<b>370-948-SMODE-72</b>	072E88-T3131-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

## MIC Interlocking Armored Plenum Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Interlocking Armored Plenum Cables are standard OFNP MIC cables encased inside a spirally wrapped, interlocking armor for ruggedness and superior crush resistance. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFCP- and FT6-listed.

### FEATURES

- Flexible aluminum interlocking armor offers superior crush resistance and cable protection
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- Armored design allows easy one-step installation of protected cable
- Flame-retardant outer jacket enables easier cable pulling; exterior jacket print includes length markings and identification via jacket color
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance



### APPLICATIONS

Intrabuilding backbone and horizontal installations in plenum, riser and general-purpose environments  
Industrial and heavy-traffic areas requiring extra protection for optical cables

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-406-ARMORMIC-04</b>	004K88-31130-A3	4	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
<b>370-406-ARMORMIC-06</b>	006K88-31130-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
<b>370-406-ARMORMIC-12</b>	012K88-33130-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
<b>370-406-ARMORMIC-18</b>	018K88-33130-A3	18	0.54	13.7	150	660	45	200	8.1	20.6	5.4	13.7
<b>370-406-ARMORMIC-24</b>	024K88-33130-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM2-TBA-06</b>	006T88-31131-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
<b>370-COROM2-TBA-12</b>	012T88-33131-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
<b>370-COROM2-TBA-24</b>	024T88-33131-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

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## Infrastructure

## Corning Cable Systems

## (continued) MIC Interlocking Armored Plenum Cables (2-24 Fiber)

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM3-TBA-06</b>	006T88-31180-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
<b>370-COROM3-TBA-12</b>	012T88-33180-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
<b>370-COROM3-TBA-24</b>	024T88-33180-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COR8.3-TBAIRL-06</b>	006E88-31131-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
<b>370-407-ARMORMIC-12</b>	012E88-33131-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
<b>370-407-ARMORMIC-24</b>	024E88-33131-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

## MIC DX Armored Plenum Cables (6-24 Fiber)

## CORNING CABLE SYSTEMS

Corning Cable Systems MIC DX Armored Plenum Cables are standard OFNP MIC Plenum subunits placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. Individually jacketed TBI Buffer Fibers enable easy, consistent stripping and facilitate termination. The fibers are stranded around a dielectric central member that is protected by a flexible, all-dielectric armor offering easy, one-step installation and over four times the crush protection compared to unarmored cables.



## FEATURES

- Dielectric armor provides four times the crush protection compared to unarmored
- TBI Buffer Fibers allow for easy, consistent stripping
- Flame-retardant jacket provides rugged and durable protection in heavy traffic or more challenging mechanical exposure conditions
- Easy armor removal ensures increased safety and speed at installation

## APPLICATIONS

These cables are designed for use in plenum, riser and general-purpose environments for intrabuilding backbone and horizontal installations

## 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM1-TBAD-06</b>	006K88-31130-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
<b>370-COROM1-TBAD-12</b>	012K88-33130-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
<b>370-COROM1-TBAD-24</b>	024K88-33130-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

## 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM2-TBAD-06</b>	006T88-31131-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
<b>370-COROM2-TBAD-12</b>	012T88-33131-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
<b>370-COROM2-TBAD-24</b>	024T88-33131-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

# Corning Cable Systems

## 50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 2,000 MHz • km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-TBAD-06	006T88-31180-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COROM3-TBAD-12	012T88-33180-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COROM3-TBAD-24	024T88-33180-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

## 8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COR8.3-TBAD-06	006E88-31131-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COR8.3-TBAD-12	012E88-33131-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COR8.3-TBAD-24	024E88-33131-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

## MIC Interlocking Armored Riser Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Interlocking Armored Riser cables are standard OFNR MIC cables inside a spirally wrapped interlocking aluminum armor for ruggedness and superior crush resistance. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFCR- and FT4-listed.

### FEATURES

- Flexible interlocking aluminum armor offers superior crush resistance and cable protection
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- Armored design allows easy one-step installation of protected cable, reducing overall installation cost
- Flame-retardant outer jacket enables easier cable pulling; exterior jacket print includes length markings and identification via jacket color
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbones and horizontal installations in riser and general-purpose environments

Industrial and heavy traffic areas requiring extra protection for optical cables



## 62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-064-IRAIA-12	012K81-33130-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
370-064-IRAIA-24	024K81-33130-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

## 50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-TBA-06	006T81-31131-A1	6	0.47	11.9	150	660	45	200	7.0	17.9	4.7	11.9
371-COROM2-TBA-12	012T81-33131-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
371-COROM2-TBA-24	024T81-33131-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

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# Corning Cable Systems

## (continued) MIC Interlocking Armored Riser Cables (2-24 Fiber)

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-ARMORMIC-12	012R81-33131-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
370-947-ARMORMIC-24	024R81-33131-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

## MIC DX Armored Riser Cables (6-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC DX Armored Riser Cables are standard OFNR MIC riser subunits placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. Individually jacketed TBI Buffer Fibers enable easy, consistent stripping and facilitate termination. The fibers are stranded around a dielectric central member that is protected by a flexible, all-dielectric armor offering easy, one-step installation and over four times the crush protection compared to unarmored cables.



### FEATURES

- Dielectric armor provides four times the crush protection compared to unarmored
- TBI Buffer Fibers allow for easy, consistent stripping
- Flame-retardant jacket provides rugged and durable protection in heavy traffic or more challenging mechanical exposure conditions
- Easy armor removal ensures increased safety and speed at installation

### APPLICATIONS

These cables are designed for use in riser and general-purpose environments for intrabuilding backbone and horizontal installations

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM1-TBAD-06	006K81-31130-D1	6	0.40	10.1	200	890	100	444	6.0	15.2	4.0	10.2
371-COROM1-TBAD-12	012K81-33130-D1	12	0.43	10.9	225	1000	133	593	6.4	16.4	4.3	10.9
371-COROM1-TBAD-24	024K81-33130-D1	24	0.50	13.0	585	2600	195	867	7.6	19.4	5.1	13.0

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz • km (850/1300 nm); effective modal bandwidth: 950 MHz • km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-TBAD-06	006T81-31131-D1	6	0.40	10.2	200	890	100	444	6.0	10.2	4.0	10.1
371-COROM2-TBAD-12	012T81-33131-D1	12	0.43	11.0	225	1000	133	593	6.4	11.0	4.3	10.9
371-COROM2-TBAD-24	024T81-33131-D1	24	0.50	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 2,000 MHz • km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM3-TBAD-06	006T81-31180-D1	6	0.40	10.2	200	890	100	444	6.0	10.2	4.0	10.1
371-COROM3-TBAD-12	012T81-33180-D1	12	0.43	11.0	225	1000	133	593	6.4	16.5	4.3	10.9
371-COROM3-TBAD-24	024T81-33180-D1	24	0.52	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

# Corning Cable Systems

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COR8.3-TBAD-06	006E81-31131-D1	6	0.40	10.1	200	890	100	444	6.0	15.2	4.0	10.2
371-COR8.3-TBAD-12	012E81-33131-D1	12	0.43	10.9	225	1000	133	593	6.4	16.4	4.3	10.9
371-COR8.3-TBAD-24	024E81-33131-D1	24	0.50	13.0	585	2600	195	867	7.6	19.4	5.1	13.0

## Fan-out Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNR Fan-out Cables are multifiber cables that use individually jacketed, 900  $\mu$ m TBII Buffered Fibers stranded around a dielectric central member with a flame-retardant outer jacket. Ideal for routing in exposed trays and in riser shafts to the telecommunications room and workstation. Also used for direct termination of cable without patch panels.



#### FEATURES

- Uses 900  $\mu$ m TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- All-dielectric construction requires no grounding or bonding
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR and FT4
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance
- Also available with 1.6 mm and 2.9 mm heavy-duty subunits

#### Technical Information & Standards

62.5/125  $\mu$ m fiber

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm)

Minimum LED: 200/500 MHz • km (850/1300 nm)

Effective modal bandwidth: 200/500 MHz • km (850 nm)

Serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

#### 2.0 MM SUBUNITS

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-647-FDDI2.0-02	002K61-31330-24	2	0.20	5.9	150	660	45	200	3.5	8.9	2.3	5.9
370-647-FDDI2.0-04	004K61-31330-24	4	0.30	6.8	150	660	45	200	4.0	10.2	2.7	6.8
370-647-FDDI2.0-06	006K61-31330-24	6	0.30	8.3	150	660	45	200	4.9	12.5	3.1	8.3

## Fan-out Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNP Fan-out Cables are flexible multifiber cables that use individually jacketed, 900  $\mu$ m TBII Buffered Fibers stranded around a dielectric central member with a flame-retardant outer jacket. Ideal for use in plenum and riser spaces within buildings, for building backbone and for horizontal cabling; particularly ideal for applications requiring direct connection to terminal equipment or requiring extra rugged cables.



#### FEATURES

- Uses 900  $\mu$ m TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Available with 1.6 mm and 2.9 mm heavy-duty subunits

Continued on next page &gt;&gt;

## Infrastructure

## Corning Cable Systems

(continued) Fan-out Plenum Cables

## Technical Information &amp; Standards

62.5/125  $\mu$ m fiber  
 Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm)  
 Minimum LED: 200/500 MHz • km (850/1300 nm)  
 Effective modal bandwidth: 220 MHz • km (850 nm)  
 Serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

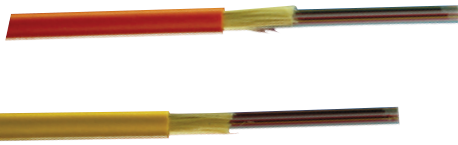
2.0 MM SUBUNITS

Anixter No.	Vendor No.	No. of Fibers
370-648-FDDI2.0-02	002K68-31330-29	2
370-648-FDDI2.0-04	004K68-31330-29	4
370-648-FDDI2.0-06	006K68-31330-29	6

Cable O.D.		Max. Tensile Load				Min. Bend Radius			
		Installation	Long Term	Installation	Long Term	Installation	Long Term	Installation	Long Term
(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
0.20	5.8	100	440	30	132	3.5	8.7	2.3	5.8
0.30	6.8	100	440	30	132	4.0	10.2	2.7	6.8
0.30	8.3	100	440	30	132	4.9	12.5	3.3	8.3

## Ribbon Riser Interconnect Cables

CORNING CABLE SYSTEMS



Corning Cable Systems Ribbon Riser Interconnect Cables offer a perfect complement to multifiber connector strategies. Available with 4, 8 or 12 fibers, these cables make compact, rugged patch cables.

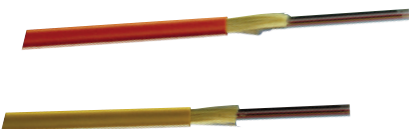
## FEATURES

- Ribbon interconnect cable available with 4-, 8- and 12-fiber ribbons
- Dielectric strength members within a flexible, flame-retardant jacket
- Meets the application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR/FT4
- RoHS-compliant
- Uses optical fiber for unsurpassed geometries
- Availability with approval for TEMPEST applications

For more information contact your local sales office.

## Ribbon Plenum Interconnect Cables

CORNING CABLE SYSTEMS



Corning Cable Systems Ribbon Plenum Interconnect Cables offer a perfect complement to multifiber connector strategies. Available with 8 or 12 fibers, these cables make compact, rugged patch cables.

## FEATURES

- Ribbon interconnect cable available with 8- and 12-fiber ribbons
- Dielectric strength members within a flexible, flame-retardant jacket
- Meets the application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP/FT6

For more information contact your local sales office.

## Ribbon Plenum Cables

CORNING CABLE SYSTEMS



Ribbon plenum cables are used in intrabuilding backbones in plenum and general-purpose installations. Ribbon Plenum cables consist of 12 to 216 fibers organized into easily identifiable, 12-fiber ribbons inside a central tube. Helically stranded fiberglass rovings provide tensile strength.

A specially formulated flame-retardant outer jacket allows the design to meet the requirements of the NFPA 262 flame test for ribbon plenum cables.

## FEATURES

- Available from 12 to 216 fibers
- Listed OFNP/FT6 for plenum applications
- Available preconnectorized for easy field installation and reduced labor costs
- Easily accessible individual fibers
- Precise fiber and ribbon geometries result in excellent mass-splicing yields
- 12-fiber ribbons with readily identifiable ribbon ID numbers and fiber colors
- Compatible with standard ribbon cable procedures and hardware
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Ribbon riser cables are available. Contact your local sales office for details

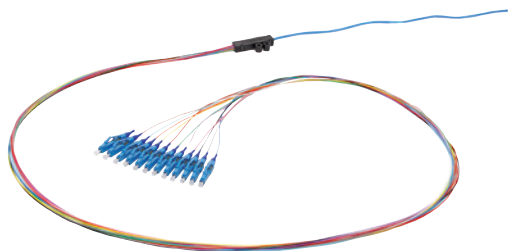
For more information contact your local sales office.



# Corning Cable Systems

## Buffer Tube Fan-out Kits

CORNING CABLE SYSTEMS



Corning Cable Systems Indoor and Outdoor Buffer Tube Fan-out Kits are specifically designed for the termination of 6- and 12-fiber buffer tubes. These buffer tube fan-out kits provide the ultimate solution for those users who want to field-install connectors. The kits provide the most compact, easy-to-install fan-out solution requiring no additional hardware or space than that for terminating tight-buffered cables. Indoor and outdoor kits feature a 900  $\mu\text{m}$  fan-out assembly that is color-coded to match the fiber color scheme. The fan-out assembly is available with 6- or 12-fiber units in lengths of 25, 36 or 47 inches. These different lengths provide the installer the flexibility needed for a variety of hardware options.

### FEATURES

- Eliminates strain on fibers by isolating them from tensile forces
- Colored fan-out tubing
- Snap-together furcation unit eliminates epoxy for indoor kits
- Compact design
- Quick and easy to install
- Optimized for field-termination of cables
- Excellent fiber-routing capabilities
- Bend-radius protection designed into each unit
- Outdoor kits include additional elements that compensate for wider temperature fluctuations common in outdoor environments
- Indoor temperature range: 0° to +70°C
- Outdoor temperature range: -40° to +70°C

### APPLICATIONS

Field-termination of loose-tube cables at indoor or outdoor cross-connections

#### INDOOR BUFFER TUBE FAN-OUT KITS

Anixter No.	Vendor No.	Description
152285	FAN-BT25-06	25 in. long, six fibers per tube
152287	FAN-BT47-06	47 in. long, six fibers per tube
152286	FAN-BT25-12	25 in. long, 12 fibers per tube
152288	FAN-BT47-12	47 in. long, 12 fibers per tube

#### OUTDOOR BUFFER TUBE FAN-OUT KITS

Anixter No.	Vendor No.	Description
179221	FAN-OD25-06	25 in. long, six fibers per tube
267519	FAN-OD47-06	47 in. long, six fibers per tube
222421	FAN-OD25-12	25 in. long, 12 fibers per tube
265900	FAN-OD47-12	47 in. long, 12 fibers per tube

### ADHESIVE AND TOOL KIT

Anixter No.	Vendor No.	Description
152431	2104060-01	LOCTITE 411 adhesive for 10 "FAN-BT" fan-out kits
158557	TKT-FANBT-A	Buffer tube fan-out assembly tool kit includes buffer tube fan-out assembly fixture and buffer tube fan-out kit instructions

### CABLE CLEANER

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)

To order a Buffer Tube Fan-out Kit, first determine the length of tubing required for connector termination, either 25 in. or 47 in. Note: 47 in. is only recommended if installing into FDC Connector Modules; 25 in. is recommended for Connector Panels and wall-mount hardware. Next, determine the number of fibers per buffer tube. Use one kit per tube per cable end.

## Application Notes

### ANIXTER

Buffer Tube Fan-out (BTF) kits offer a cost-effective breakout method for the direct connectorization of the 250  $\mu\text{m}$  fibers found in loose-tube fiber optic cables. The kit consists of the BTF body for 2.4 to 3.0 mm-diameter loose tubes and 6- or 12-fiber, 900  $\mu\text{m}$ , color-coded, fan-out tube assemblies 25 or 47 inches long. The BTF body clips directly to the loose-buffer tube containing the outdoor fiber. The number of fan-out kits required is determined by the fiber count of the cable to be installed. Loose-tube designs generally use 12 fibers per tube. Check with the cable manufacturer for specifics.

## Ribbon Fan-out Kits

CORNING CABLE SYSTEMS



Corning Cable Systems Ribbon Fan-out Kits are specifically designed for the termination of 12-fiber bare or jacketed ribbons. These fan-out kits provide the ultimate solution for those users who want to field-install connectors. The kits provide the most compact, easy-to-install fan-out solution requiring no additional hardware or space than that for terminating tight-buffered cables.

The Ribbon Fan-out Kit features a 900  $\mu\text{m}$  fan-out assembly that is color-coded to match the fiber color scheme.

Continued on next page >>

## Infrastructure

## Corning Cable Systems

*(continued)* Ribbon Fan-out Kits**FEATURES**

- Colored fan-out tubing for indoor use
- Snap-together furcation unit eliminates epoxy
- Compact design
- Quick and easy to install
- Optimized for field-termination of cables
- Excellent fiber-routing capabilities
- Bend radius protection designed into each unit

**APPLICATIONS**

Field-termination of ribbon cables at indoor cross-connects

Anixter No.	Vendor No.	Description
<b>203693</b>	RIB-FAN-12	25 in., 12-fiber Ribbon Fan-out Kit
<b>312978</b>	RIB-FAN-12-36	36 in., 12-fiber Ribbon Fan-out Kit

## Spider Fan-out Kits

## CORNING CABLE SYSTEMS



Corning Cable Systems Spider Fan-out Kits offer a modular solution for low-cost furcation. With the fan-out kit base housing, you can use the 6-fiber inserts to create a customized solution of 6-, 12-, 18- or 24-fiber furcation. They are designed for factory and field furcation of loose-tube nonarmored cables or tight-buffered cables into 2.0 mm or 2.9 mm jacketed legs with cable diameter sizes of 4.6 mm up to 15.7 mm, and they eliminate the need for patch panels. Composed of an inner tube, an aramid yarn-strength member and an outer protective PVDF jacket, the fan-out tubing provides three layers of protection. The fan-out insert then snaps into the main spider housing. When all the inserts have been loaded, the outer housing is installed to complete the assembly.

**FEATURES**

- Low cost
- Craft-friendly
- Modular, compact design
- No special tools or heat-shrinks
- Field or factory termination
- Cost-effective for splicing and terminating hardware
- Nonmetallic/high-strength, rugged, composite material

**APPLICATIONS**

Field termination of tight-buffered or loose-tube cables when patch panels are not used

To manufacture field or factory multifiber jumpers or patch cords

**BASE UNITS**

Anixter No.	Vendor No.	Description
<b>449966</b>	SFK-BASE-2SLOT	2-slot base unit

**SPIDER FAN-OUT INSERTS (SINGLE-FIBER TUBES)**

Anixter No.	Vendor No.	Description	Color
<b>446916</b>	INS-06F-250-3-O	Six tubes, 250 $\mu$ m, 3 mm	Orange
<b>446917</b>	INS-06F-250-3-Y	Six tubes, 250 $\mu$ m, 3 mm	Yellow
<b>446918</b>	INS-06F-900-3-A	Six tubes, 900 $\mu$ m, 3 mm	Aqua
<b>446919</b>	INS-06F-900-3-O	Six tubes, 900 $\mu$ m, 3 mm	Orange
<b>446920</b>	INS-06F-900-3-Y	Six tubes, 900 $\mu$ m, 3 mm	Yellow

**CABLE CLEANER**

Anixter No.	Vendor No.	Description
<b>196997</b>	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)

Contact your local sales representative for information on additional fiber counts.

## Ribbon Cable Spider Fan-out Kit

## CORNING CABLE SYSTEMS

Corning Cable Systems Ribbon Cable Spider Fan-out Kits offer a modular solution for low-cost furcation. With the base housing, a 24-fiber ribbon fan-out kit can be added to corresponding 24-ribbon inserts to create a customized solution of 24-, 48-, 72- or 96-fiber furcation.

**FEATURES**

- Protects ribbons
- Fan-out tubing length of 1.0 meter provides flexible installation
- Modular, compact design
- No special tools or heat shrinks
- Field or factory termination
- Cost-effective for splicing and terminating hardware
- Nonmetallic/high-strength, rugged, composite material

Anixter No.	Vendor No.	Description
<b>374690</b>	SFK-P-48-RIB-A	48-fiber, aqua
<b>374691</b>	SFK-P-72-RIB-A	72-fiber, aqua

For additional configurations, contact your local sales representative.

# Corning Cable Systems

## UniCam MTP Connectors

CORNING CABLE SYSTEMS



The Corning Cable Systems UniCam MTP Connector is the latest innovation in the proven UniCam Connector family. It is the first no-epoxy/no-polish, field-installable 12-fiber connector in the industry. It is the ideal solution for applications using 12-fiber ribbons. The UniCam MTP Connector utilizes the same reliable, proven, no-epoxy/no-polish technology as all other Corning Cable Systems UniCam Connectors. Unlike other field-installable connectors, the UniCam MTP Connector requires no polishing. The UniCam MTP Connector installs with the same push-pull reliability as the familiar SC connector.

### SPECIFICATIONS

1. Insertion loss 0.5 dB average, 1.0 dB maximum
2. Reflectance -20 dB for MM, -65 dB for SM
3. Temperature cycling 0.3 dB change, -40° to +75°C; 21 cycles
4. Interconnect compatibility ANSI/TIA-604-5 (FOCIS)

### FEATURES

- High-density termination replaces 12 single-fiber connectors
- Keyed for proper insertion
- Meets ANSI/TIA-604-5 (FOCIS)
- Color-coded, single-mode housings; 50  $\mu$ m and 62.5  $\mu$ m, multimode housings. All adapters are black
- Push-pull operation
- Alignment achieved with precision guide pins
- Terminates jacketed or bare 12-fiber ribbons in less than five minutes
- IEEE-802.3, Fibre Channel
- RoHS-compliant product available

### APPLICATIONS

Direct termination of ribbon cables  
Repair of Plug & Play Universal Systems Solutions trunk cables  
Parallel optical interconnects between servers

#### UNICAM MTP CONNECTORS

Anixter No.	Vendor No.	Description
327595	93-001-69	MM for 62.5 $\mu$ m fiber, beige housing and black boot, no pins
327598	93-001-70	MM for 62.5 $\mu$ m fiber, beige housing and black boot, with pins
251474	93-051-69	MM for 50 $\mu$ m fiber, black housing and black boot, no pins

Anixter No.	Vendor No.	Description
327597	93-051-69-X	MM for laser-optimized 50 $\mu$ m fiber, black housing and aqua boot, no pins
327599	93-051-70	MM for 50 $\mu$ m fiber, black housing and black boot, with pins
327600	93-051-70-X	MM for laser-optimized 50 $\mu$ m fiber, black housing and aqua boot, with pins
327601	93-201-69	SM fiber, green housing and green boot, no pins
327602	93-201-70	SM fiber, green housing and green boot, with pins

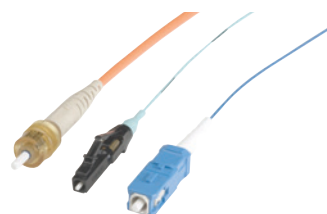
#### UNICAM MTP CONNECTOR INSTALLATION TOOL KIT

Anixter No.	Vendor No.	Description
305588	TKT-UNICAM-MTP	UniCam MTP Connector Installation Tool Kit

## UniCam High-Performance Multimode Connectors

LC, SC, ST Compatible

CORNING CABLE SYSTEMS



With UniCam High-performance Multimode Connectors, best-in-class optical performance is available in a fast, easy, field-termination solution. These patented, high-precision, ceramic ferrule, multimode connectors guarantee a 0.1 dB-typical/0.5 dB-maximum insertion loss per connector pair for exceptional network performance. And with the UniCam High-performance Tool Kit (TKT-UNICAM-PFC), an LC, SC or ST compatible connector can easily be installed in about 45 seconds. The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are performed right, the first time, every time. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

### FEATURES

- Typical insertion loss of 0.1 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance
- Broad operating-temperature range (-40° to +75°C) for true utility and flexibility
- The UniCam High-performance Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable
- UniCam Connector organizer packs are available for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- 100 percent guaranteed (UniCam Connectors are guaranteed to meet the published specifications at the time of installation)

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## Infrastructure

## Corning Cable Systems

(continued) UniCam High-Performance Multimode Connectors  
LC, SC, ST Compatible

**APPLICATIONS**

Main cross-connect, intermediate cross-connect, horizontal cross-connect  
Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical  
Anywhere low-loss connectivity is critical  
Data centers

**LC CONNECTORS**

UniCam High-performance LC Connectors. Organizer packs are for 900µm installation only and packs of 25 unassembled UniCam Connectors separated into components. Single packs contain the strain relief for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable.

Anixter No.	Vendor No.	Description
338911	95-050-99-X	50 µm, OM3, single pack
348025	95-050-99-X-Z	50 µm, OM3, organizer pack, 25/pk
338910	95-050-99	50 µm, OM2, single pack
348026	95-050-99-Z	50 µm, OM2, organizer pack, 25/pk
338909	95-000-99	62.5 µm, OM1, single pack
348027	95-000-99-Z	62.5 µm, OM1, organizer pack, 25/pk

**SC CONNECTORS**

UniCam High-performance SC Connectors. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338903	95-050-41-X	50 µm, OM3, single pack
347923	95-050-41-X-Z	50 µm, OM3, organizer pack, 25/pk
338904	95-050-41	50 µm, OM2, single pack
347920	95-050-41-Z	50 µm, OM2, organizer pack, 25/pk
338894	95-000-41	62.5 µm, OM1, single pack
347919	95-000-41-Z	62.5 µm, OM1, organizer pack, 25/pk

**ST COMPATIBLE CONNECTORS**

UniCam High-performance ST compatible connectors. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338912	95-050-51-X	50 µm, OM3, single pack
347924	95-050-51-X-Z	50 µm, OM3, organizer pack, 25/pk
338901	95-050-51	50 µm, single pack
347925	95-050-51-Z	50 µm, OM3, organizer pack, 25/pk
338897	95-000-51	62.5 µm, OM1, single pack
347926	95-000-51-Z	62.5 µm, OM1, organizer pack, 25/pk

**UNICAM HIGH-PERFORMANCE INSTALLATION TOOL KIT**

Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam High-performance Tool Kit

### UniCam High-performance Single-mode Connectors LC, SC, ST Compatible

**CORNING CABLE SYSTEMS**

With UniCam high-performance single-mode connectors, best-in-class optical performance is available in a fast, easy, field-termination solution for single-mode fibers. These patented, high-precision LC, SC and ST compatible single-mode connectors offer an outstanding 0.2 dB typical/0.5 dB maximum insertion loss per connector pair.

Installation is as easy as strip, clean, cleave, cam and crimp - with exceptional optical performance guaranteed. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

**SPECIFICATIONS**

1. Typical insertion loss: 0.2 dB
2. Maximum insertion loss: 0.5 dB
3. Reflectance (dB): PC -55

**FEATURES**

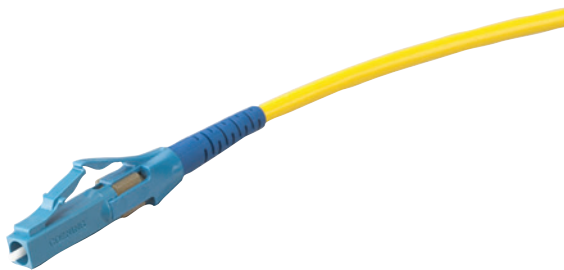
- Typical insertion loss of 0.2 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance, when installed using the UniCam High-performance Tool Kit
- Broad operating temperature range (-40° to +75°C) for true utility and flexibility, when installed using the UniCam High-performance Tool Kit
- The UniCam High-performance Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable
- The UniCam Connector organizer packs for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- 100 percent factory tested for insertion loss
- 100 percent guaranteed (UniCam Connectors are guaranteed to meet the published specification at the time of installation)

**APPLICATIONS**

Local area networks, including main cross-connect, intermediate cross-connect, horizontal cross-connect  
Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical  
Anywhere low-loss connectivity is critical  
Data centers

# Corning Cable Systems

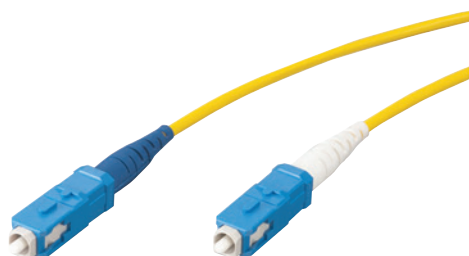
## LC CONNECTORS



Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338908	95-200-99	Single-mode, single pack
347927	95-200-99-Z	Single-mode, organizer pack, 25/pk

## SC CONNECTORS



Anixter No.	Vendor No.	Description
338895	95-200-41	Single-mode, single pack
347928	95-200-41-Z	Single-mode, organizer pack, 25/pk
360136	95-200-44	APC polish, single pack
374610	95-200-44-Z	APC polish, organizer pack, 25/pk

## ST COMPATIBLE CONNECTORS

Anixter No.	Vendor No.	Description
338899	95-200-51	Single-mode, single pack
347930	95-200-51-Z	Single-mode, organizer pack, 25/pk

## UNICAM CONNECTOR INSTALLATION TOOL KIT



Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam High-performance Tool Kit

## UniCam Connector Installation Tool Kits

### CORNING CABLE SYSTEMS



Corning Cable Systems offers several tool kits for installation of UniCam Connectors. The flagship tool kit is the UniCam High-Performance Tool Kit (TKT-UNICAM-PFC), a thoughtfully designed tool kit that virtually eliminates human variability from installation. The TKT-UNICAM-PFC includes all the items needed to install the UniCam connector. The UniCam High-Performance Tool Kit can be used with multimode or single-mode LC, SC and ST compatible UniCam Connectors (standard and high-performance).

The standard UniCam Connector Installation Tool Kit (TKT-UNICAM) is a basic installation tool kit and can also be used to terminate all UniCam Connector styles (SC, LC and ST compatible connectors).

### UniCam High-Performance Tool Kit (TKT-UNICAM-PFC)

- Virtually eliminates human variability in installation, ensuring consistent, reliable results
- UniCam High-Performance Installation Tool uses a go/no-go LED to provide unmistakable confirmation of successful continuity
- High-Performance Flat Cleaver uses dual-clamp precision and a diamond blade for a superior cleave
- Sleek, well-organized carrying case with built-in conveniences for easy, on-the-go field terminations
- Tool kit designed to allow work out of the bag, eliminating set-up and tear-down time
- One kit terminates both single-mode and multimode LC, SC and ST compatible connectors

### Standard UniCam Connector Installation Tool Kit (TKT-UNICAM)

- Convenient carrying bag contains all of the components necessary to terminate UniCam Connectors
- Installs SC, LC and ST compatible connectors in less than a minute
- One kit terminates both single-mode and multimode UniCam Connectors

### UniCam MTP Connector Installation Tool Kit (TKT-UNICAM-MTP)

- Convenient padded hard-side carrying case
- One kit terminates both single-mode and multimode UniCam MTP Connectors

### APPLICATIONS

UniCam Connector installations  
Local area networks (LANs), including main cross-connect, telecommunications room and telecommunications enclosures  
Fiber-to-the-desk  
Data centers

Continued on next page >>



## Infrastructure

## Corning Cable Systems

## (continued) UniCam Connector Installation Tool Kits

## UNICAM HIGH-PERFORMANCE TOOL KIT



Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam High-performance Tool Kit

## TKT-UNICAM-PFC ACCESSORIES

Anixter No.	Vendor No.	Description
444620	FBC-007	High-Performance UniCam Cleaver
348034	FCC-WIPES	Package of Corning wipes, 90 pcs/pk.
348035	FCC-CLEANER-FIBER	Bottle of Corning fiber optic cleaning fluid
347849	VFL-A125	LC 1.25 mm VFL ferrule adapter
347855	VFL-A250	SC and ST compatible 2.50 mm VFL ferrule adapter
347852	VFL-AKIT	LC 1.25 mm and SC and ST compatible 2.50 mm VFL ferrule adapters
391035	CLEANERPORT2.5	Single-Fiber Port Cleaner for all 2.5 mm ferrule connectors such as FC, ST and SC; effective for PC, UPC and APC polishes
391036	CLEANER-PORT-LC	LC connector- and port-cleaning tool

## STANDARD UNICAM CONNECTOR INSTALLATION TOOL KIT



Basic installation kit for single-fiber UniCam Connectors, terminates single-fiber ST Compatible, SC and LC connectors; includes FBC-001 Score and Snap cleaver. Components for single-fiber Continuity Test Set (CTS) applications and visual fault locator (VFL) not included; includes all required fiber preparation and cleaning tools and materials.

Anixter No.	Vendor No.	Description
170006	TKT-UNICAM	UniCam Standard-Performance connector installation kit

## TKT-UNICAM ACCESSORIES

Anixter No.	Vendor No.	Description
440187	FBC-002	Fiber cleaver, score and snap
223817	TEST-UNICAM-CTS	Converts an existing TKT-UNICAM kit to add the CTS option; contains splitter box, SC, ST compatible, LC and MT-RJ CTS adapters and jumpers
249987	TER-CTS-SC	CTS adapter for UniCam SC connectors
249994	TER-CTS-ST	CTS adapter for UniCam ST-compatible connectors
264278	TER-CTS-LC	CTS adapter for UniCam LC connectors
251702	VFL-350	Visual fault locator, 635 nm penlight style
234819	CLEANER-UNIV-CASS	Universal connector cleaning cassette
391035	CLEANERPORT2.5	Single-Fiber Port Cleaner for all 2.5 mm ferrule connectors such as FC, ST and SC; effective for PC, UPC and APC polishes
391036	CLEANER-PORT-LC	LC connector- and port-cleaning tool

## UNICAM MTP CONNECTOR TERMINATION KIT



The UniCam MTP Connector Installation Tool Kit (TKT-UNICAM-MTP) is designed for quick termination of ribbon cables using the UniCam MTP Connector. Conveniently packaged in an easy-to-carry hard case, the tool kit is compact and easy to carry around the job site. The UniCam MTP Connector is a single-ferrule design that terminates 12 fibers at a time in one connector. The installation tool kit for this connector contains a high-performance ribbon cleaver for superior cleave performance. Also included in the kit is a ribbon-coating thermal stripper, ribbon-insertion tool, crimp tool and fiber preparation and cleaning materials.

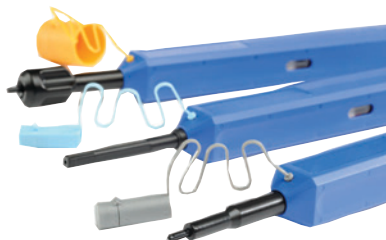
Anixter No.	Vendor No.	Description
305588	TKT-UNICAM-MTP	UniCam MTP Connector Installation Tool Kit



# Corning Cable Systems

## Single-Fiber Port Cleaners

CORNING CABLE SYSTEMS



Single-Fiber Port Cleaners are designed to clean connector end-faces in patch panels and adapters. An integrated dust cap allows for cleaning unmated connector end-faces. Single-Fiber Port Cleaners are proven effective for removing the following from connector end-faces: skin oil, hand lotion, road dust, pre- and post-mate graphite, salt, isopropyl and distilled water residues. These cleaners are simple to use and offer more than 525 cleanings.

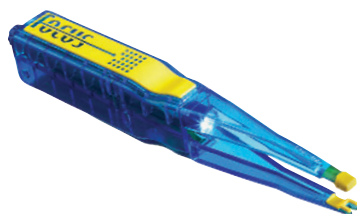
### FEATURES

- Cleaning system rotates 180 degrees to provide a full cleaning of the connector end-face
- Extendable tip allows for cleaning in hard-to-reach spaces
- Cleaning fibers dissipate static to alleviate any electrostatic-discharge concerns
- Easy-to-use pushing motion engages connector and initiates connector end-face cleaning

Anixter No.	Vendor No.	Description
391035	CLEANERPORT2.5	Single-Fiber Port Cleaner for all 2.5 mm ferrule connectors such as FC, ST and SC; effective for PC, UPC and APC polishes
391036	CLEANER-PORT-LC	LC connector- and port-cleaning tool
391040	CLEANER-PORT-OT	Single-Fiber Port Cleaner for OptiTap Connector end-faces

## Connector Removal Tool

CORNING CABLE SYSTEMS



Corning Cable Systems Connector Removal Tool (CRT-001) is designed to allow for easy removal and insertion of SC and small-form-factor connectors in high-density patch panels. Comes with an integrated flashlight to enable visibility in densely populated enclosures and low-light situations. Designed for comfortable one-handed operation, it features long, narrow jaws with universal tips that make connector insertion and removal easy, even in high-density patch panels.

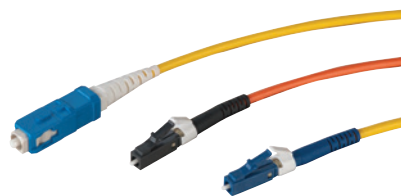
### FEATURES

- Integrated flashlight for increased visibility in dark patch panels
- Comfortable design makes it easy for small or large hands to use
- Long, narrow jaws smooth connector insertion and removal
- Contoured notch on one side of tip ensures proper latching

Anixter No.	Vendor No.	Description
333600	CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

## Anaerobic-cure Connectors

CORNING CABLE SYSTEMS



Corning Cable Systems Anaerobic-cure single-mode and multimode connectors combine the quick-cure convenience of anaerobic adhesive with the performance of epoxy and polish connectors. Connectors are installed in minutes, yet provide unparalleled performance for years.

The anaerobic adhesive uses a two-part epoxy process. The adhesive is first injected into the connector ferrule. The fiber is dipped into the primer and inserted into the connector. Curing takes one minute without the use of lamps or ovens.

### FEATURES

- Fast cure time without lamps or ovens
- Installs without index-matching gel
- Minimal tools required
- Hand polish; doesn't require polishing machine
- Doesn't require electrical power to install
- Low material cost
- Average insertion loss of 0.2 dB with physical contact polish
- RoHS-compliant product available

### APPLICATIONS

Installations requiring field-installed connectors  
Fiber-to-the-desk or fiber-to-the-machine  
Enterprise networks

### MULTIMODE CONNECTORS

Anixter No.	Vendor No.	Description
282071	95-051-41-SP	SC, 50 $\mu$ m, OM2, single pack
383135	95-051-41-SP-X	SC, 50 $\mu$ m, OM3, single pack
282040	95-101-41-SP	SC, 62.5 $\mu$ m, OM1, single pack
286235	95-051-52-SP	ST, 50 $\mu$ m, OM2, single pack
282038	95-101-52-SP	ST 62.5 $\mu$ m, OM1, single pack
282086	95-051-98-SP	LC, 50 $\mu$ m, OM2, single pack
383137	95-051-98-SP-X	LC, 50 $\mu$ m, OM3, single pack
282085	95-101-98-SP	LC, 62.5 $\mu$ m, OM1, single pack

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## Infrastructure

## Corning Cable Systems

*(continued)* Anaerobic-cure Connectors

## SINGLE-MODE CONNECTORS

Anixter No.	Vendor No.	Description
<b>282037</b>	95-201-52-SP	ST compatible single-mode connector
<b>282039</b>	95-201-41-SP	SC single-mode connector, single pack
<b>282073</b>	95-201-98-SP	LC single-mode connector, single pack

## ANAEROBIC-CURE CONNECTORS INSTALLATION TOOL KITS



Anixter No.	Vendor No.	Description
<b>286318</b>	TKT-ANAEROBIC2	Anaerobic-cure connectors installation tool kit for SM/MM and anaerobic connectors
<b>286319</b>	TKT-ANAEROBIC2-C	Anaerobic-cure connectors consumables kit for anaerobic connectors with consumables including polishing paper and adhesive, for 600 connectors

## Boot color:

50  $\mu\text{m}$ : black boots  
 50  $\mu\text{m}$  LOMMF: aqua boots  
 62.5  $\mu\text{m}$ : beige boots  
 Single-mode: blue boots  
 All ST Compatible, SC and FC connectors come with 3 mm, 2 mm and 900  $\mu\text{m}$  boots. LC connectors come with 900  $\mu\text{m}$  and combination 2 mm/1.6 mm boots.

## Heat-cure Single-fiber Connectors

## CORNING CABLE SYSTEMS



Corning Cable Systems Heat-Cure product line includes a full line of single-mode and multimode epoxy and polish connectors for factory installation. A consumables kit and instructions are available for hand-polishing. Ultra PC (-55 dB) may be achieved

by using the automatic polishers. For angled PC, the FC, LC and SC are available. The ferrule is preangled and must be polished with Corning Cable Systems automatic polishers. A typical reflectance of -65 dB is achievable with this process.

## FEATURES

- Bulk packaging for quicker assembly (the -BP suffix in the part number indicates bulk packaging); single connectors are also available
- Angled PC available in FC, LC and SC
- Preradiused zirconia ceramic ferrule; Ultra PC available with automatic polisher
- Metallic and composite, ST compatible connector hardware features robust closed keyway design
- Connectors are preassembled for reduced installation time
- New one-step crimp ring with jacket retention
- Boot size and color options
- Meet ANSI/TIA-568-B.3 standard; SC and LC are duplexable
- RoHS-compliant product available

## APPLICATIONS

Building wiring applications  
 Ideal for connector assembly house applications in patch-cord manufacturing  
 Mass terminations when material cost is the main consideration  
 Applications requiring low connector reflectance

## SC CONNECTORS

Anixter No.	Vendor No.	Description
<b>279750</b>	95-100-48-SP	62.5 $\mu\text{m}$ multimode; beige shroud, with crimp bands and boots
<b>279753</b>	95-250-08-SP	Single-mode; blue shroud, with crimp bands and boots

## ST COMPATIBLE CONNECTORS

Anixter No.	Vendor No.	Description
<b>279748</b>	95-100-44-SP	62.5 $\mu\text{m}$ multimode; 0.1255 $\mu\text{m}$ , beige housing, with crimp bands and boots
<b>279751</b>	95-101-44-SP	62.5 $\mu\text{m}$ multimode; 0.1255 $\mu\text{m}$ , metal housing, with crimp bands and boots
<b>279752</b>	95-250-06-SP	Single-mode; 0.1255 $\mu\text{m}$ , blue housing, with crimp bands and boots
<b>279771</b>	95-251-49-SP	Single-mode; 0.1255 $\mu\text{m}$ , metal housing, with crimp bands and boots

## FC CONNECTORS

Anixter No.	Vendor No.	Description
<b>279747</b>	95-100-10-SP	62.5 $\mu\text{m}$ multimode; 0.1255 $\mu\text{m}$ , metal housing, with crimp bands and boots
<b>279770</b>	95-250-10-SP	Single-mode; 0.1255 $\mu\text{m}$ , metal housing, with crimp bands and boots

## Corning Cable Systems

## LC CONNECTORS

Anixter No.	Vendor No.	Description
<b>281520</b>	95-050-LC-SP	50 $\mu$ m multimode; 0.1255 $\mu$ m, black shroud
<b>281519</b>	95-250-LC-SP	Single-mode; 0.1255 $\mu$ m, blue shroud

## Fiber Optic Adapters/Interconnect Sleeves

## CORNING CABLE SYSTEMS



To complement its complete offering of factory- and field-installable connectors, Corning Cable Systems also offers a full line of adapters. In addition to supporting a variety of connector types, Corning Cable Systems adapters come in a variety of mounting configurations to ensure compatibility with the housing, panel, outlet or faceplate being utilized.

## FEATURES

- Ordered as single packs or bulk packs
- Available in a variety of colors in support of ANSI/TIA-568-B.3
- RoHS-compliant product available
- Available with ceramic, metal or composite alignment sleeves
- Available in a variety of mounting configurations to ensure compatibility with housings, panels, outlets and faceplates
- ST Compatible connector adapters available with metal or composite housings

## Technical Information &amp; Standards

FC ANSI/TIA-604-4

SC ANSI/TIA-604-3

ST Compatible ANSI/TIA-604-2

LC ANSI/TIA-604-10

MT-RJ ANSI/TIA-604-12

MTP Connector Adapter ANSI/TIA-604-5

## FC ADAPTERS

Anixter No.	Vendor No.	Description
<b>331037</b>	ADP-FC00-MMXBC-NLS	FC SM/MM metal housing; simplex; rectangular biconic flange; silver
<b>331039</b>	ADP-FC00-MMXD11-NLS	FC SM/MM metal housing; simplex; one-hole bulkhead; silver
<b>331040</b>	ADP-FC00-MMXF-NLS	FC SM/MM metal housing; simplex; square flange; silver

## SC ADAPTERS

Anixter No.	Vendor No.	Description
<b>152755</b>	ADP-SC00-CMNFL-CLS	SC SM; metal alignment insert; composite housing; simplex; blue
<b>154406</b>	ADP-SC00-CCNFL-CLS	SC SM; ceramic alignment insert; composite housing; simplex; blue

Anixter No.	Vendor No.	Description
<b>163383</b>	ADP-SC00-CMKFL-CLS	SC MM 62.5 $\mu$ m; metal alignment insert; composite housing; simplex; beige
<b>152882</b>	ADP-SC00-CCKFL-CLS	SC MM 62.5 $\mu$ m; ceramic alignment insert; composite housing; simplex; beige
<b>266157</b>	ADP-SC00-CCGFL-CLS	SC SM APC; ceramic alignment insert; composite housing; simplex; green
<b>154403</b>	ADP-DSC0-CMKFL-CLSE	SC MM 62.5 $\mu$ m; metal alignment insert; composite housing; duplex; beige
<b>163385</b>	ADP-DSC0-CCKFL-CLS	SC MM 62.5 $\mu$ m; ceramic alignment insert; composite housing; duplex; beige
<b>289606</b>	ADP-DSC0-CCNFL-CLS	SC SM; ceramic alignment insert; composite housing; duplex; blue
<b>396381</b>	ADP-DSC0-CPKRC-CLS	SC MM 62.5 $\mu$ m; composite alignment insert; composite housing; duplex; beige

## ST ADAPTERS

Anixter No.	Vendor No.	Description
<b>331041</b>	ADP-ST00-MMNTH-NLS	ST SM; metal alignment insert; metal housing; simplex; threaded; silver
<b>331043</b>	ADP-ST00-MMKTH-NLS	ST MM 62.5 $\mu$ m; metal alignment insert; metal housing; simplex; threaded; silver
<b>331044</b>	ADP-ST00-MMBTH-NLS	ST MM 50 $\mu$ m; metal alignment insert; metal housing; simplex; threaded; silver
<b>331045</b>	ADP-ST00-MMATH-NLS	ST MM laser-optimized 50 $\mu$ m; metal alignment insert; metal housing; simplex; threaded; silver
<b>332000</b>	ADP-ST00-MCKTH-NLS	ST MM 62.5 $\mu$ m; ceramic alignment insert; metal housing; simplex; threaded; silver
<b>331047</b>	ADP-ST00-MCBTH-NLS	ST MM 50 $\mu$ m; ceramic alignment insert; metal housing; simplex; threaded; silver
<b>331048</b>	ADP-ST00-MCATH-NLS	ST MM laser-optimized 50 $\mu$ m; ceramic alignment insert; metal housing; simplex; threaded; silver

Continued on next page &gt;&gt;

## Infrastructure

## Corning Cable Systems

(continued) Heat-cure Single-fiber Connectors

## LC ADAPTERS (FITS SIMPLEX SC PANEL OPENING)

Anixter No.	Vendor No.	Description
396383	ADP-DLCO-CCNRC-CLS	LC CP/CR SM; ceramic alignment insert; composite housing; duplex; blue
396389	ADP-DLCO-CCKRC-CLS	LC CP/CR 62.5 $\mu$ m; ceramic alignment insert; composite housing; duplex; beige
396408	ADP-DLCO-CCBRC-CLS	LC CP/CR standard 50 $\mu$ m; ceramic alignment insert; composite housing; duplex; black
396411	ADP-DLCO-CCARC-CLS	LC CP/CR 50 $\mu$ m LOMMF; ceramic alignment insert; composite housing; duplex; aqua

## MT-RJ ADAPTERS

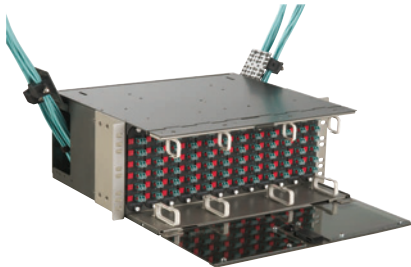
Anixter No.	Vendor No.	Description
206200	ADP-MTRJ-CNKFL-CLS	MT-RJ MM 62.5 $\mu$ m; composite housing; simplex; beige
243972	ADP-MTRJ-CNNFL-CLS	MT-RJ SM; composite housing; simplex; blue

## HYBRID ADAPTERS

Anixter No.	Vendor No.	Description
240221	ADP-STFC-MMXSF-NLS	ST/FC MM/SM; metal alignment insert; metal housing; simplex; silver
170010	ADP-STSC-CCBFL-NLS	ST/SC MM/SM; ceramic alignment insert; composite housing; simplex; black

## Pretium Connector Housings (PCH)

CORNING CABLE SYSTEMS



Corning Cable Systems offers a variety of Pretium Connector Housings designed for the LAN and data center environment. Mountable in 19- or 23 in. (optional) equipment racks or cabinets, the housings are four inches deeper than standard connector housings and provide easy, open access to connectors for cleaning, moves and additions or other changes. These housings accept two and four Corning Cable Systems CCH connector panels or modules. The panels and modules are available in a wide variety of port counts and connector styles, with blank panels providing a

finished look for unused positions. The PCH-04U accepts 12 CCH connector panels or modules and contains an integral hinged horizontal jumper manager on the front of the housing. The manager can be locked in the "up" position for an additional 1U of horizontal jumper management. Left in the default "down" position, it provides additional capacity for jumper routing along the top of the housing for a true Zero-U solution.

## FEATURES

- Optional splicing available in all units (modules cannot be used with splicing configuration)
- Deeper housings provide extra room for high cable counts and Corning Cable Systems Plug & Play Systems
- Large fiber guides in front contain patch cords
- PCH-01U and PCH-02U have a removable latching top that slides forward to provide superior access to interior components after installation
- Connector labeling optimized for use with machine-generated labels and Microsoft Word templates
- Front and rear removable doors (optional locks available)
- Grommeted cable entries keep dust out of the 04U
- Integrated, hinged jumper manager (04U)
- Transparent front door on the 04U
- Rugged metal construction
- Units include patented Universal Cable Clamp for cable-strain relief
- Fiber capacity: PCH-04U = 288 fibers (using LC or MT-RJ; 144 when splicing); PCH-01U = 48 fibers (using LC or MT-RJ; 24 when splicing); PCH-02U = 96 fibers (using LC or MT-RJ; 96 fibers when splicing)
- PCH-01U 4 x 43 x 41 cm (1.75 x 17 x 16 in.) 6.8 kg (11 lb.)
- PCH-02U 9 x 49 x 42 cm (3.5 x 17 x 16.5 in.) 5.7 kg (12.6 lb.)
- PCH-04U 18 x 43 x 41 cm (7 x 17 x 16 in.) 7.5 kg (16.5 lb.)
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## APPLICATIONS

Main cross-connect, intermediate cross-connects and telecommunications rooms  
 Rack or equipment-cabinet installations  
 Data center fiber-distribution frames  
 Cross-connects using large quantities of low-fiber-count cables

## PRETIUM CLOSET CONNECTOR HOUSINGS

Anixter No.	Vendor No.	Description
268733	PCH-01U	1U tall, accepts up to two CCH connector panels or modules, supplied with one Universal Cable Clamp, two blank panels and installation hardware
330206	PCH-02U	2U tall, accepts up to four CCH connector panels or modules, supplied with one Universal Cable Clamp, four blank panels and installation hardware
268734	PCH-04U	4U tall, accepts up to 12 CCH connector panels or modules, supplied with one Universal Cable Clamp, 12 blank panels and installation hardware

# Corning Cable Systems

## ACCESSORIES

Anixter No.	Vendor No.	Description
268750	PC1-SPLC-04R	Splice Tray Bracket for PCH-01U; accepts up to four 0.2 in. Type 2R or two 0.4 in. Type 4R reduced-length splice trays; includes slack storage spools
338358	PC2-SPLC-6SR	Splice Tray Bracket for PCH-02U; accepts up to six 0.2 in. Type 2S, Type 2S Long or Type 2R splice trays; or accepts up to three 0.4 in. Type 4S or Type 4R splice trays (splice trays ordered separately)
326201	PC4-SPLC-12SR	Splice Tray Bracket for PCH-04U; accepts up to 12 0.2 in. Type 2S or seven 0.4 in. Type 4S standard length splice trays; or accepts up to 12 0.2 in. Type 2R or seven 0.4 in. Type 4R splice trays; works with left side cable entry only (splice trays ordered separately)
297670	PC4-STRN	PCH-04U strain-relief bracket; will accept up to two Universal Cable Clamp kits (UCC-001)
313080	PC4-SLK	PCH-04U rear slack storage bracket; installed in rear of housing for additional slack storage; one supplied with PCH-04U
267529	UCC-001	Universal Cable Clamp; strain-relieves a cable with a diameter of 0.375 to 1.125 in.
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

Connector panels and modules must be ordered separately.

## Closet Connector Housings (CCH)

### CORNING CABLE SYSTEMS

These Corning Cable Systems CCH housings can be rack-mounted in 19 in. (48 cm) or 23 in. (58 cm) equipment racks (1.75 in. EIA hole spacing) and are available in one-rack-space (two panels), two-rack-space (four panels), three-rack-space (six panels) or four-rack-space (12 panels) versions. For installations requiring 144 fibers, the capacity can be achieved using SC simplex, SC duplex, LC and MT-RJ connectors for 12 fibers per panel in conjunction with the 4-rack-space housing. For installations requiring up to 288 fibers, the capacity can be achieved using LC and MT-RJ connectors for 24 fibers per panel in conjunction with the four-rack-space housing.

Closet Connector Housings can be ordered with connector panels for multimode and single-mode applications. Connector panels are offered in 6-, 8-, 12-, 16- and 24-fiber configurations. Documentation labels are provided, and units or components can be added as needed to construct a fiber distribution frame for any application.

The CCH has been designed with an open top, located in the front of the housing in the three- and four-rack-space versions of the design. The opening, when used in conjunction with the Closet Jumper Management Panel (CJP), facilitates jumper routing.

### FEATURES

- Ideal for field connectorization
- Includes mounting provisions for buffer tube fan-out kits
- Suitable for loose-tube, tight-buffered and optical fiber-ribbon cables
- Mounting configurations include standard 4.5 in. (11.4 cm) frontal projection, partially flush and fully flush (optional kit)
- Multiple locations for jumper egress
- Removable, durable, clear polycarbonate-tinted front door (CCH-03U and CCH-04U)
- Lock can be field-installed
- Accepts CCH connector panels and modules
- Open top of housing for vertical pigtail or jumper exiting
- Optional top and side covers available
- Meets requirements of ANSI/TIA-568A and -606
- Brackets included for rack-mounting in 19 in. equipment racks only
- 23 in. brackets must be purchased separately
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

Corning Cable Systems Closet Connector Housings (CCH) provide interconnect or cross-connect capabilities between the outside plant, riser, or distribution cables, and the opto-electronics

### CLOSET CONNECTOR HOUSINGS (CCH)

Anixter No.	Vendor No.	Description
180626	CCH-01U	1 RU, accepts up to 2 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
180627	CCH-02U	2 RUs, accepts up to 4 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
180628	CCH-03U	3 RUs, accepts up to 6 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
180420	CCH-04U	4 RUs, accepts up to 12 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally

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## Infrastructure

## Corning Cable Systems

*(continued)* Closet Connector Housings (CCH)

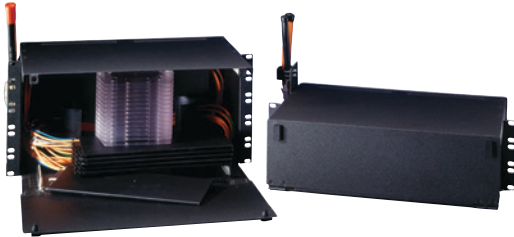
## ACCESSORIES

Anixter No.	Vendor No.	Description
459349	CCH-CS	Splicing cassette with 12 single-fiber heat-shrink splice protectors
463106	CCH1-STRN-EXT	External strain relief bracket for the CCH-01U, CCH-02U, CCH-03U
462936	CCHA-LOCK-KIT	Hardware lock kit, compatible with CCH housings, front and rear doors
180418	CJP-01U	Closet jumper management panel; provides jumper management in a 1.75 in. rack space
180419	CJP-02U	Closet jumper management panel; provides jumper management in a 3.5 in. rack space
263462	FDC-CABLE-GRND	Armored cable-grounding kit; contains one armored grounding clip and one ground strap

Connector panels and modules must be ordered separately.

## Closet Splice Housings (CSH)

## CORNING CABLE SYSTEMS



Corning Cable Systems Closet Splice Housings (CSH) are used in equipment racks or equipment cabinets, as well as in the transition splice between outdoor-rated and riser/plenum-rated cable at a building entrance. Pigtail splicing is accomplished when the CSH is used in conjunction with the Closet Connector Housing (CCH).

The Closet Splice Housing is available in three-rack-space and five-rack-space models.

## FEATURES

- Cable strain-relief hardware provided including Corning Cable Systems Universal Cable Clamp (UCC)
- 4.5 in. projection or flush-mountable
- Open-side design for easy fiber egress
- Sliding shelf provides access to splice trays and routing guides
- Record label provided
- Multiple grommeted cable-entry ports
- Top and bottom rear-removable access panels for vertical pigtail entry from the CCH housing
- Front and rear doors lockable with optional lock kits

- Brackets included for 19 in. (48 cm) and 23 in. (58 cm) racks
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## APPLICATIONS

Provides storage and protection of fiber splices in individually accessible trays. Rack-mount, 19 in. (48 cm) or 23 in. (58 cm) for transition splicing between UL Listed and unlisted cable at building entrance or pigtail splicing.

## CLOSET SPLICE HOUSINGS (CSH)

NOTE: Splice trays and jumper management panels (CJPs) must be ordered separately.

Anixter No.	Vendor No.	Description
180640	CSH-03U	Accepts up to 12 0.2 in. splice trays (Type 2R, 2S or 2M) in three rack spaces (5.25 in.)
219336	CSH-03U-F	Accepts up to seven 0.4 in. splice trays (Type 4R, 4S or 4A) in three rack spaces (5.25 in.)
180641	CSH-05U	Accepts up to 22 0.2 in. splice trays (Type 2R, 2S or 2M) in five rack spaces (8.75 in.)
266671	CSH-05U-F	Accepts up to 14 0.4 in. splice trays (Type 4R, 4S or 4A) in five rack spaces (8.75 in.)
180643	CJH-02U	Rear-mounted CSH designed to utilize the open space behind the 2U jumper management panel (CJP-02U); accepts up to four 0.2 in. splice trays (Type 2R, 2S or 2M) in two rack spaces (3.5 in.)
180644	CJH-03U	Rear-mounted CSH designed to utilize the open space behind the 3U jumper management panel (CJP-03U); accepts up to nine 0.2 in. splice trays (Type 2R, 2S or 2M) in three rack spaces (5.25 in.)

## Closet Connector Housing Panels (CCH-CP)

## CORNING CABLE SYSTEMS



Corning Cable Systems Closet Connector Housing Panels (CCH-CP) are offered in a variety of fiber counts for use with LANscape Solutions hardware products for a "one-size-fits-all" approach. Used with factory-installed or field-installable connectors, these panels provide interconnect or cross-connect capability in a housing at main cross-connections, intermediate cross-connections, telecommunication rooms or work areas. Available with a variety of industry-standard adapter types, the



# Corning Cable Systems

CCH-CP provides an efficient way to securely mate two connectors for both multimode and single-mode applications.

## FEATURES

- Designed to accommodate all industry-standard adapter types
- Unique color-coded connector labeling system
- Universal approach is used; one panel size fits in all standard LANscape Solutions hardware
- Available in 6-, 8- and 12-fiber-count options in most adapter styles; 16- and 24-fiber-count options available in MT-RJ and LC duplex styles

## APPLICATIONS

The panels are used with field-installable connectors or in applications where the preconnectorized cables are routed directly from the equipment to the piece of interconnect hardware

Provides an efficient way to securely mate two or more connectors

### 6-FIBER CLOSET CONNECTOR HOUSING PANELS: FC ADAPTER

Anixter No.	Vendor No.	Description
180681	CCH-CP06-11	Six universal FC adapters, single-mode
214235	CCH-CP06-21	Six FC, angle polish, single-mode adapters with metal inserts, metal housings

### 6-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (SIMPLEX)

Anixter No.	Vendor No.	Description
227053	CCH-CP06-3C	Single-mode (OS2), UPC
269782	CCH-CP06-6C	Angle polish, single-mode (OS2)
180704	CCH-CP06-56	62.5 $\mu$ m multimode

### 6-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
180435	CCH-CP06-59	Single-mode (OS2), UPC, blue adapter
180705	CCH-CP06-91	62.5 $\mu$ m multimode (OM1), beige adapter
250694	CCH-CP06-G7	50 $\mu$ m multimode (OM2), black adapter
269475	CCH-CP06-E7	50 $\mu$ m multimode (OM3/OM4), aqua adapter

### 6-FIBER CLOSET CONNECTOR HOUSING PANELS: LC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
276744	CCH-CP06-A8	62.5 $\mu$ m multimode (OM1) beige adapter
343164	CCH-CP06-A9	Single-mode (OS2), UPC, blue adapter

### 6-FIBER CLOSET CONNECTOR HOUSING PANELS: MT-RJ ADAPTER

Anixter No.	Vendor No.	Description
203717	CCH-CP06-97	Multimode 62.5 $\mu$ m, composite housing
203723	CCH-CP06-98	Single-mode, UPC, composite housing

### 8-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (SIMPLEX)

Anixter No.	Vendor No.	Description
180719	CCH-CP08-56	Multimode 62.5 $\mu$ m, metal insert, composite housing

### 8-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER

Anixter No.	Vendor No.	Description
180714	CCH-CP08-15T	Threaded bulkhead, multimode 62.5 $\mu$ m, ceramic insert, metal housing
180715	CCH-CP08-19T	Threaded bulkhead, single-mode, ceramic insert, metal housing
180716	CCH-CP08-25T	Threaded bulkhead, multimode 62.5 $\mu$ m, composite insert, composite housing

### 8-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
180463	CCH-CP08-59	Single-mode, UPC, ceramic insert, composite housing
180720	CCH-CP08-91	Multimode 62.5 $\mu$ m, metal insert, composite housing

### 12-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTERS (SIMPLEX)



Anixter No.	Vendor No.	Description
278933	CCH-CP12-3C	Single-mode (OS2), UPC, blue adapter
271108	CCH-CP12-6C	Angle polish, single-mode (OS2), green adapter
269695	CCH-CP12-56	62.5 $\mu$ m multimode (OM1), beige adapter

### 12-FIBER CLOSET CONNECTOR HOUSING PANELS: 6 SC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
180728	CCH-CP12-59	Single-mode (OS2), UPC, blue adapter
180729	CCH-CP12-91	62.5 $\mu$ m multimode (OM1), beige adapter
250688	CCH-CP12-G7	50 $\mu$ m multimode (OM2), black adapter
255257	CCH-CP12-E7	50 $\mu$ m multimode (OM3/OM4), aqua adapter

Continued on next page >>

## Infrastructure

## Corning Cable Systems

*(continued)* Closet Connector Housing Panels (CCH-CP)

## 12-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER



Anixter No.	Vendor No.	Description
207402	CCH-CP12-15T	62.5 $\mu$ m multimode (OM1), beige adapter
207404	CCH-CP12-19T	Single-mode (OS2), UPC, blue adapter
207403	CCH-CP12-25T	Threaded bulkhead adapters, multimode 62.5 $\mu$ m, metal insert, metal housing
309517	CCH-CP12-G5	50 $\mu$ m multimode (OM2), black adapter

## 12-FIBER CLOSET CONNECTOR HOUSING PANELS: 6 LC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
242101	CCH-CP12-A7	Multimode 62.5 $\mu$ m, metal insert, composite housing
272046	CCH-CP12-A8	62.5 $\mu$ m multimode (OM1), beige adapter
242436	CCH-CP12-A9	Single-mode (OS2), UPC, blue adapter
250692	CCH-CP12-D3	50 $\mu$ m multimode (OM2), black adapter
272048	CCH-CP12-E4	50 $\mu$ m multimode (OM3/OM4), aqua adapter

## 12-FIBER CLOSET CONNECTOR HOUSING PANELS: 6 MT-RJ ADAPTERS

Anixter No.	Vendor No.	Description
203720	CCH-CP12-97	Multimode 62.5 $\mu$ m, composite housing
206354	CCH-CP12-98	Single-mode, UPC, composite housing
250691	CCH-CP12-G1	Standard 50 $\mu$ m multimode, composite housing
278931	CCH-CP12-E1	Laser-optimized 50 $\mu$ m multimode, composite housing

## 24-FIBER CLOSET CONNECTOR HOUSING PANELS: 12 MT-RJ ADAPTERS

Anixter No.	Vendor No.	Description
203722	CCH-CP24-97	Multimode 62.5 $\mu$ m, composite housing
203727	CCH-CP24-98	Single-mode, IPC, composite housing
255254	CCH-CP24-E1	Laser-optimized 50 $\mu$ m multimode, composite housing

## 24-FIBER CLOSET CONNECTOR HOUSING PANELS: 12 LC ADAPTERS (DUPLEX)



Anixter No.	Vendor No.	Description
252145	CCH-CP24-A7	Multimode 62.5 $\mu$ m, metal insert, composite housing
267889	CCH-CP24-A8	62.5 $\mu$ m multimode (OM1), beige adapter
252146	CCH-CP24-A9	Single-mode (OS2), UPC, blue adapter
265058	CCH-CP24-D3	50 $\mu$ m multimode (OM2), black adapter
255256	CCH-CP24-E4	50 $\mu$ m multimode (OM3/OM4), aqua adapter

## MTP CONNECTOR PANELS



Anixter No.	Vendor No.	Description
319325	CCH-CP72-E3	72-fiber 50 $\mu$ m multimode (OM3/OM4), aqua adapter
367549	CCH-CPE4-E3	144-fiber laser optimized 50 $\mu$ m multimode, ceramic insert, composite housing
349511	CCH-CPE4-G3	144-fiber standardized 50 $\mu$ m multimode, composite housing

# Corning Cable Systems

## 6-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER

Anixter No.	Vendor No.	Description
314850	CCH-CP06-G5	50 $\mu$ m multimode (OM2), black adapter
180699	CCH-CP06-19T	Single-mode (OS2), UPC, blue adapter
180701	CCH-CP06-25T	Threaded bulkhead, multimode 62.5 $\mu$ m, metal insert, metal housing

Q: Will the connector panels fit both the wall-mount and rack-mount LANscape housings?

A: Yes, trying to remember which panels work with which housings can be very confusing. That is why all Corning LANscape connector panels are interchangeable.

## Wall-mountable Connector Housings (WCH)

### CORNING CABLE SYSTEMS



Corning Cable Systems Wall-Mountable Connector Housing (WCH) provides interconnect or cross-connect capabilities between the outside plant, riser or distribution cables and the opto-electronics. The units can be wall-mounted in main cross-connections (MCs) or telecommunications rooms (TRs), and are available in different versions: two panels, four panels, six panels and 12 panels. They are optimized for field connectorization or pigtail splicing with optional bracket. Units accept standard closet connector housing (CCH) connector panels or pigtail panels and options include jumper routing guides and a bracket for securing buffer tube fan-out kits.

### FEATURES

- Optimized design for field connectorization
- Suitable for loose-tube and tight-buffered fiber optic cables
- Metal cabinet construction
- Jumper routing guides and jumper strain-relief point
- Optional field-installable lock kit
- Includes bracket for buffer tube fan-out kits
- Optional pivoting splice tray holder allows easy cable routing and is designed to make field splicing easier; splice trays ordered separately
- Accepts standard CCH connector panels
- -04P, -06P and -12P cabinets have a durable, clear polycarbonate-tinted jumper door for easy viewing of jumper connections
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## Technical Information & Standards

### Dimensions:

#### WCH-12P

Size (H x W x D) - cm (in.): 34.3 x 57.1 x 13.0 (13.5 x 22.5 x 5.125)

#### WCH-06P

Size (H x W x D) - cm (in.): 34.3 x 40.8 x 13.0 (13.5 x 16.062 x 5.125)

#### WCH-04P

Size (H x W x D) - cm (in.): 34.3 x 40.8 x 10.3 (13.5 x 16.062 x 4.062)

#### WCH-02P

Size (H x W x D) - cm (in.): 23.5 x 33.2 x 8.2 (9.25 x 13.25 x 3.25)

## APPLICATIONS

Corning Cable Systems Wall-mountable Connector Housings provide interconnect or cross-connect capabilities between the outside plant, riser or distribution cables and the opto-electronics

### WCH (EMPTY)

Anixter No.	Vendor No.	Description
181945	WCH-12P	Accepts up to 12 CCH panels
180454	WCH-06P	Accepts up to six CCH panels
180457	WCH-04P	Accepts up to four CCH panels
180452	WCH-02P	Accepts up to two CCH panels

### CONNECTOR HOUSING (PRELOADED)

Anixter No.	Vendor No.	Description
181940	WCH-02P-1215T	WCH-02P preloaded with 12 ST Compatible adapters (two CCH panels), standard 62.5 $\mu$ m multimode, ceramic insert, composite housing
181970	WCH-02P-2491	WCH-02P preloaded with 12 568SC (SC duplex) adapters (two CCH panels), standard 62.5 $\mu$ m multimode, composite insert, composite housing

### WCH ACCESSORIES

Anixter No.	Vendor No.	Description
180430	WJG-02R	Wall-mountable jumper storage guides that provide jumper management; kit includes two routing guides and mounting screws
180670	WCH-STD0FF-BKT	Wall-mountable connector housing Wall Stand-off Brackets for 04P, 06P, 08P and 12P; brackets provide a 1 in. spacing from wall
201212	BKT-ALL-R23-75	Universal rack-mount bracket for 48 cm (19 in.) and 58 cm (23 in.) equipment racks

Continued on next page >>

## Infrastructure

## Corning Cable Systems

(continued)

## Wall-mountable Connector Housings (WCH)

Anixter No.	Vendor No.	Description
180677	WCH-STRNRLF-KIT	Optional external cable strain-relief kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, one strain-relief clamp and one multi-cable insert that will hold up to five cables less than 0.4 inches in diameter
180431	WCH-DUST-CVR	Optional dust cover for 04P and 08P housing; covers jumper exits; includes two covers and mounting hardware
250726	WCH-DUST-CVR-D	Optional dust cover for -06P and -12P housing; covers two jumper exits; includes two covers and mounting hardware; two kits required for 12P
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

## OPTIONAL SPLICE TRAY HOLDERS AND SLACK STORAGE FOR WCH

NOTE: Splice trays ordered separately.

Anixter No.	Vendor No.	Description
523334	WCH-SPLC-12	Splice tray for WCH-12P; accommodates 12 0.2 in.-thick (Type 2R) or 6 0.4 in.-thick (Type 4R) reduced-length splice trays
193788	WCH-SPLC-4-8	Splice tray holder for WCH-04P, WCH-06P and WCH-08P; accommodates eight 0.2 in.-thick (Type 2R) or four 0.4 in.-thick (Type 4R) reduced-length splice trays
523332	WCH-SPLC-2P	Splice tray holder for WCH-02P; accommodates two 0.2 in.-thick (Type 2R) or one 0.4 in.-thick (Type 4R) reduced-length splice trays

Anixter No.  
545604Vendor No.  
WCH-SSH-2

## Description

Wall-mountable slack storage housing for WCH-02P; accommodates four 0.2 in.-thick (Type 2R) or two 0.4 in.-thick (Type 4R) reduced-length splice trays

Wall-mountable slack storage housing for WCH-04P, WCH-06P, WCH-08 and WCH-12P; accommodates eight 0.2 in.-thick (Type 2R and 2S) or four 0.4 in.-thick (Type 4R and Type 4S) standard or reduced-length splice trays or four UST splice trays

276677

WCH-SSH-4-12

Connector panels must be ordered separately.

## Wall-mountable Interconnect Center (WIC)

## CORNING CABLE SYSTEMS



The Corning Cable Systems LANscape Solutions Wall-mountable Interconnect Center (WIC) is an economical housing for terminating optical fiber cables. Accepting standard LANscape Solutions CCH connector panels, CCH pigtail modules or CCH Plug & Play Systems connector modules, the housing offers protection for the connectors in the physical plant (optional jumper protection door recommended). The units are ideal for use in building entrance rooms or telecommunications rooms (TRs), or inside programmable logic controller (PLC) cabinets typically found in manufacturing plants.

## SPECIFICATIONS

1. WIC-02P: 33 cm x 21.6 cm x 6.6 cm (13 in. x 8.5 in. x 2.6 in.) 2.3 kg (5 lb.)
2. WIC-04P: 33 cm x 21.6 cm x 10.4 cm (13 in. x 8.5 in. x 4.1 in.) 2.7 kg (6 lb.)

## FEATURES

- Accepts two (WIC-02P) or four (WIC-04P) standard CCH connector panels or modules
- Optional cover available for jumper protection and jumper-strain relief
- Universal Cable Clamp (UCC) available for cable-strain relief
- Lockable doors with optional lock kits
- Includes routing guides for fiber management
- Black metal housing for durability
- Splicing provisions in both housings for Corning Cable Systems Type 2R or 4R splice trays

# Corning Cable Systems

- Units can be mounted in stacked and/or reversed positions
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## APPLICATIONS

Indoor wall-mount installations  
Horizontal cross-connects  
Low-fiber-count intermediate cross-connects  
Field termination or pigtail splicing  
PLC cabinets in manufacturing plants

### WALL-MOUNTABLE INTERCONNECT CENTER HOUSINGS

Anixter No.	Vendor No.	Description
<b>278159</b>	WIC-02P	Wall-mountable Interconnect Center, accepts two LANscape Solutions CCH connector panels or modules, and a maximum of three 0.2 in. or one 0.4 in. reduced-length splice trays; supplied with one CCH blank panel
<b>278193</b>	WIC-04P	Wall-mountable Interconnect Center, accepts four LANscape Solutions CCH connector panels or modules, and a maximum of three 0.2 in. or one 0.4 in. reduced-length splice trays; supplied with three CCH blank panels

### ACCESSORIES

Anixter No.	Vendor No.	Description
<b>289416</b>	WIC2-DOOR	Jumper protection door for the WIC-02P; includes installation hardware
<b>289417</b>	WIC4-DOOR	Jumper protection door for the WIC-04P; includes installation hardware
<b>185322</b>	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys
<b>282009</b>	HDWR-LOCK-KIT-2	Field-installable lock kit for inner door; contains two locks and two keys
<b>526977</b>	CCH-BLNK	Blank adapter panel, use with CCH enclosure
<b>180677</b>	WCH-STRNRLF-KIT	Optional external cable strain-relief kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, one strain-relief clamp and one multi-cable insert that will hold up to five cables less than 0.4 inches in diameter

## Wall-mountable Splice Housing (WSH)

CORNING CABLE SYSTEMS



The WSH is a wall-mountable housing designed to store the optical fibers being spliced within the unit. The WSH provides storage and protection of fiber splices in individually accessible trays. The WSH works for transition splicing between UL Listed and unlisted cable at building entrance or pigtail splicing. The WSH accommodates either 16 0.2 in. (Type 2S, 2R or 2M) splice trays or 11 0.4 in. (Type 4S, 4R or 4A) splice trays and also includes a label for identification. The front door of this housing doubles as a work surface that can support the weight of a fusion splicer. It also features a lip around the door to help retain loose items. Multiple cable entry/exit locations are provided on the top and bottom, and all are grommeted to prevent dust from entering the housing. The strain-relief bracket can be moved to a variety of positions depending on the location of the cables entering the housing and also includes the Corning Cable Systems Universal Cable Clamp. There are also provisions for mounting an optional grounding kit.

### FEATURES

- Will accept 16 0.2 in. (Type 2S, 2R or 2M) splice trays or 11 0.4 in. (Type 4S, 4R or 4A) splice trays
- Can be used in conjunction with a Wall-mountable Connector Housing (WCH) for termination
- Multiple grommeted cable-entry/exit locations line up with cable entries on WCH-12P
- Front door can be used as a work surface
- Will accept an optional grounding kit
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

The Wall-mountable Splice Housing (WSH) provides storage and protection of fiber splices in individually accessible trays  
Wall-mountable for transition splicing between UL Listed and unlisted cable at building entrance or pigtail splicing

#### WSH

Anixter No.	Vendor No.	Description
<b>525344</b>	WSH-16SPT	Wall-mountable Splice Housing; accepts up to 16 0.2 in. (Type 2S, 2R or 2M) splice trays
<b>267580</b>	WSH-11SPT-F	Wall-mountable Splice Housing; accepts up to 11 0.4 in. (Type 4S, 4R or 4A) splice trays

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## Infrastructure

## Corning Cable Systems

(continued) Wall-mountable Splice Housing (WSH)

## ACCESSORIES

Anixter No.	Vendor No.	Description
278912	GROUND-KIT-2	WSH grounding kit; includes a grounding bar and hardware
201212	BKT-ALL-R23-75	Universal rack-mount bracket for 48 cm (19 in.) and 58 cm (23 in.) equipment racks
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

Splice trays must be ordered separately.

## Industrial Splice Housing (ISH)

CORNING CABLE SYSTEMS



The Corning Cable Systems Industrial Splice Housing (ISH) is ideal for manufacturing and industrial applications. The housing is finished with a baked-on silver-gray powder-coated finish and may be used indoors or outdoors. Wall-mountable for transition splicing between cable at building entrance or pigtail splicing, the ISH provides storage and protection of fiber splices in individually accessible trays. The units have a padlockable outer door. The ISH is designed to accommodate conduit fittings with the provided plugs and reduction washer, and it accepts standard LANscape Solutions splice trays. The Industrial Splice Housing is also compatible with Corning Cable Systems Industrial Connector Housings ICH-02P-IND, ICH-06P-IND and ICH-12P-IND. The ISH is NEMA 250-1997 3S and IP64, 65, 66, 67 and 69 tested and Pad-lockable with user-supplied padlock for secured access.

## FEATURES

- NEMA 250-1997 3S and IP64, 65, 66, 67 and 69 tested
- Accepts standard LANscape Solutions splice trays
- Keyhole mounting holes speed installation
- Padlockable with user-supplied padlock for secured access
- Reliability in harsh environments

## INDUSTRIAL SPLICE HOUSING (ISH)

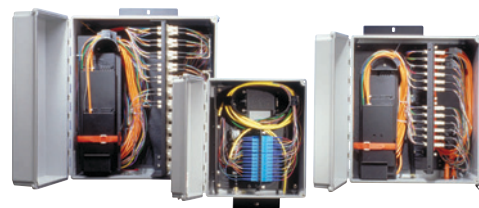
Anixter No.	Vendor No.	Description
394415	ISH-12SPT	Industrial Splice Housing; accepts up to 12 Type 2S splice trays

## ACCESSORIES

Anixter No.	Vendor No.	Description
263462	FDC-CABLE-GRND	Armored cable-grounding kit; contains one armored grounding clip and one ground strap

## Environmental Distribution Center (EDC)

CORNING CABLE SYSTEMS



The Corning Cable Systems Environmental Distribution Center (EDC) product family incorporates design features that allow the product to better accommodate the changing requirements and growing needs of fiber optic networks. By improving on the original design, the EDC product family continues to set the standard for the future of interconnect hardware. As a component of Corning Cable Systems LANscape Fiber Cabling Solutions, the EDC will accept Closet Connector Housing (CCH) panels and splice trays.

Designed for the storage and protection of fiber optic connections and splices in indoor or outdoor environments, the EDC is ideal for industrial, marine, security or traffic-control applications. The unit includes brackets required for mounting to a wall or pole. Accessories for the EDC include various fittings, a rack-mount kit and a grounding kit.

## FEATURES

- Composite construction offers outstanding chemical and temperature resistance and exhibits excellent weatherability
- Constructed of a low smoke zero halogen material
- Unit is easy to punch, drill, file or saw, making the installation of cable-entry holes simpler
- Cover can be secured with corrosion-resistant captive screws or quick-release latches that will also accept a user-supplied padlock if additional security is required
- Accepts the LANscape Solutions CCH panels (available in 6-, 8-, 12-, 16- or 24-fiber increments) for most popular adapter types including SC duplex, LC duplex and MT-RJ
- Brackets for wall- or pole-mounting are included
- Will accept splice trays that accommodate a variety of splicing techniques including fusion and mechanical splices for splicing or fan-out applications
- Suitable for loose-tube, tight-buffered and ribbon cable
- NEMA 4X-rated
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## APPLICATIONS

Outdoor-rated  
Backbone cabling terminations in outdoor applications such as industrial, security or traffic control NEMA 4X rating  
Field connectorization or pigtail splicing



# Corning Cable Systems

## ENVIRONMENTAL DISTRIBUTION CENTER

Anixter No.	Vendor No.	Description
<b>206695</b>	EDC-02P-NH	Accepts two CCH panels and two Type 2R or one Type 4R reduced-length splice trays; no cable-entry holes provided
<b>206696</b>	EDC-06P-NH	Accepts six CCH panels and six Type 2S or three Type 4S splice trays; no cable-entry holes provided
<b>223274</b>	EDC-12P-NH	Accepts 12 CCH panels and 12 Type 2S, six Type 4S or six Type 4A splice trays; no cable-entry holes provided

## EDC ACCESSORIES

Anixter No.	Vendor No.	Description
<b>267110</b>	HDWR-GRND-KIT	Hardware grounding kit; includes two ground wires, one sheath ground clip and one ground bus

## Industrial Connector Housing (ICH)

### CORNING CABLE SYSTEMS



The Corning Cable Systems Industrial Connector Housing (ICH) family is ideal for manufacturing and industrial applications. The housings are fabricated from aluminum with a baked-on, black powder-coated finish. The ICH may be used indoors or out. It is designed to accommodate conduit with the provided concentric knockouts and accepts standard CCH connector panels and connector modules. Splicing is accomplished with the splice tray-holding kit, which may be ordered separately.

The units have a padlockable outer door and a separate inner door that protects the provider side of the unit from unauthorized access. The inner door may also be locked by using an optional key lock kit. Carrying a NEMA 250-1997 3S rating, the ICH is perfect for protecting the network infrastructure in industrial environments.

## FEATURES

- NEMA 250-1997 3S-rated
- UL Listed to U.S. and Canadian safety standards
- Aluminum construction
- Tough, baked-on, smooth black powder-coated finish
- Accommodates conduit fittings
- Accepts standard CCH connector panels and modules
- Routing guides and cable strain-relief provisions included
- Gasketed hinged cover
- Keyhole mounting holes for fast installation

- Solid welded construction
- Supplied with blank CCH connector panels
- Grounding stud and bus bar included
- Padlockable with user-supplied padlock
- Inner door lockable with optional lock kit
- UCC cable clamp included
- Splicing available with optional splice kit
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## APPLICATIONS

Manufacturing and industrial networks  
High fiber count to the work area or machine cell  
Optical fiber connectivity where a telecommunications room is not available  
Machine communications and process control  
Building automation systems

## INDUSTRIAL CONNECTOR HOUSING (ICH)

Anixter No.	Vendor No.	Description
<b>250825</b>	ICH-02P	Accepts two CCH connector panels or modules
<b>250826</b>	ICH-06P	Accepts six CCH connector panels or modules
<b>250827</b>	ICH-12P	Accepts 12 CCH connector panels or modules

## ICH ACCESSORIES

Anixter No.	Vendor No.	Description
<b>185322</b>	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys
<b>263462</b>	FDC-CABLE-GRND	Armored cable-grounding kit; contains one armored grounding clip and one ground strap
<b>312958</b>	ICH-SPLC-2	Splice tray holder kit for ICH-02P; contains tray bracket and retaining strap; accommodates four Type 2R or two Type 4R splice trays
<b>312959</b>	ICH-SPLC-6	Splice tray holder kit for ICH-06P; contains tray bracket and retaining strap; accommodates six Type 2R or three Type 4R splice trays
<b>312960</b>	ICH-SPLC-12	Splice tray holder kit for ICH-012P; contains tray bracket and retaining strap; accommodates 12 Type 2R or six Type 4R splice trays

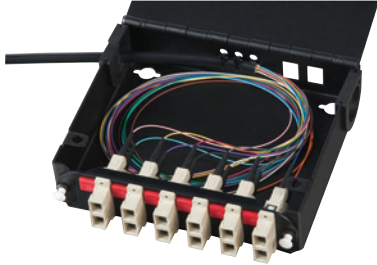
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## Infrastructure

## Corning Cable Systems

## Single Panel Housing (SPH-01P)

CORNING CABLE SYSTEMS



The Corning Cable Systems Single Panel Housing (SPH-01P) is a cost-effective housing for storage, protection and termination of optical fiber cables. Accepting standard LANscape Solutions CCH connector panels, the housing offers protection for the fiber cable and connectors in the physical plant. This compact unit is ideal for use in locations such as building entrance terminals, wiring closets, open office and other controlled environments where space is a premium.

**FEATURES**

- Accepts one CCH connector panel
- Includes a 6-slot, 0.4 in. splice holder accommodating up to 12 heat-shrink splices
- Can be used for splice management, cross-connect or both for up to 12 fibers
- 1.5 in. projection from the wall minimizes space requirements for Corning Cable Systems smallest offering (2.0 in., including plungers)
- Excellent for interconnect and cross-connect functions
- Provided top and bottom cable entry grommets allow for midspan access and environmental sealing
- Cost effective for customer premises or remote locations
- Durable black metal housing
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

**APPLICATIONS**

Indoor wall-mount installations  
Telecommunications rooms, closets and enclosures, small spaces  
DOT Traffic Control cabinets and industrial PLC cabinets  
12-fiber interconnect and splicing

**SINGLE PANEL HOUSING (SPH-01P)**

Anixter No.	Vendor No.	Description
313351	SPH-01P	Single panel wall-mount housing accommodating one CCH connector panel. Also includes a six-slot, 0.4 in. splice holder and can be used for splice management, cross-connect, or both up to 12 fibers. CCH panels ordered separately

**ACCESSORIES**

Anixter No.	Vendor No.	Description
313352	SPH-01P-BKT	Ledge-mount bracket used to mount to the top of a ledge

## Fiber Zone Box (F2B-04U)

CORNING CABLE SYSTEMS



The Corning Cable Systems Fiber Zone Box is a cabling infrastructure distribution facility ideal for passive applications in zone-cabling applications. Equipped with a light seal to inhibit dust and liquid penetration, the Fiber Zone Box may be mounted in several ways. The unit is sized to fit a 2 ft. by 2 ft. drop-ceiling opening or under the floor in the access-flooring area of data centers, or it may be mounted to a wall. The Fiber Zone Box accepts up to 12 LANscape Pretium Solutions connector panels or LANscape Solutions Plug & Play Universal Systems Closet Connector Housing (CCH) connector modules for fiber termination and distribution. The unit is secured with a removable door containing a latch and a keyed lock.

**FEATURES**

- Designed for use in passive data centers, or LAN or zone cabling applications
- Reconfigures to accept up to 4U of 19 in. rack-mountable equipment
- Reduces data center pathway congestion when used with multifiber Plug & Play Systems cable trunks
- Accepts LANscape Solutions CCH connector panels and Plug & Play Systems modules, which are available in all popular adapter types including LC, ST Compatible, SC and MT-RJ
- Equipped with key lock, ensuring security of unit
- Patch panel pivots back for connector access; can lock in tilted position or be returned to vertical
- UL Listed to United States and Canadian safety standards, NEMA 1, 2, 5, 12K-rated
- White hinged and removable door matches ceiling tiles
- Twelve cable entry points, each containing 1 in. and 2.5 in. concentric knockouts
- Back plate easily removed by releasing four quick-release latches; this feature allows the user to bring the backplate assembly into the work area where the cable routing and connector installation can be done conveniently
- Accepts up to 24 buffer tube fan-out kits
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

**APPLICATIONS**

Data center horizontal distribution areas  
Data center zone distribution areas  
LAN passive zone distribution area  
Interconnect or cross-connect point

# Corning Cable Systems

## FIBER ZONE BOX

Anixter No.	Vendor No.	Description
308958	FZB-04U	Fiber Zone Box accepts up to 12 CCH connector panels or CCH Plug & Play Systems modules or up to 4U of 19 in., rack-mountable patch panels. Includes two Universal Cable Clamps, edge grommet, labels and tie wraps

## ACCESSORIES

Anixter No.	Vendor No.	Description
267529	UCC-001	Universal Cable Clamp; strain-relieves a cable with a diameter of 0.375 to 1.125 in.
262722	CPP-01U-PNL	Rack-mountable bracket; accepts two CCH style modules, 1U, 19 in. equipment racks
251476	HDH-03P-01U-PNL	Rack-mountable bracket, 1U, accepts up to three HDH modules. 19 in. equipment racks

## Workstation Multimedia Outlet (WMO)

### CORNING CABLE SYSTEMS



The Corning Cable Systems Workstation Multimedia Outlet (WMO) accepts both fiber optic adapters and copper jacks. The WMO can be surface-mounted on a single-gang electrical box (2 x 4 in.), or a dual-gang electrical box (4 x 4 in.). Surface raceway can be inserted into each connector-panel location or the top of the unit. This allows for the large diversity of installation and cable-routing methods.

### FEATURES

- Flexibility in mounting: surface-mount, single-gang or dual-gang electrical box
- 1/2 in. and 3/4 in. surface raceway can be run into box at all connector panel locations; additionally, 1 in. raceway can be inserted into the top of the unit
- Designed with customer wiring and aesthetic needs in mind
- Unique color icons for easy viewing of connection and line identification
- Factory-installed fiber optic adapters save time during installation
- Panels available for SC, ST Compatible, and LC connectors, including the keyed LC system
- Internal routing guides provide protection of terminated and dark fibers and copper cabling
- The WMO accepts a maximum of five connector panels; standard configuration is three connector panels for down-the-wall routing

- Flammability rating of UL 94V-0 and an oxygen index of 35 per ASTM D 2863
- Strain-relief provisions available for incoming copper and fiber cables
- White color blends in with standard electrical outlets

### APPLICATIONS

Voice, video and data in one outlet  
Modular furniture offices  
Fixed-wall offices  
Schools and hospitals  
Areas requiring an aesthetically pleasing outlet

### WORKSTATION MULTIMEDIA OUTLET

Anixter No.	Vendor No.	Description
523365	WMO-85	White. Dimensions: 14.4 x 14.4 x 4.06 cm (5.7 x 5.7 x 1.6 in.)

### LOADED ADAPTER PANELS: TWO FIBER CONNECTIONS PER PANEL

Note: Color is white

Anixter No.	Vendor No.	Description
271892	WMO-CP02-15T-85	Two fiber connections per panel, ST compatible, 62.5 $\mu$ m multimode, ceramic insert, metal housing, threaded
214770	WMO-CP02-25T-85	Two fiber connections per panel, ST compatible, 62.5 $\mu$ m multimode, metal insert, metal housing, threaded
214732	WMO-CP02-57C-85	Two fiber connections per panel, SC duplex, ceramic insert, composite housing, white panel
250830	WMO-CP02-A8-85	Two fiber connections per panel, LC duplex, 62.5 $\mu$ m, ceramic insert, composite housing, white panel

### LOADED ADAPTER PANELS: FOUR FIBER CONNECTIONS PER PANEL

Note: Color is white

Anixter No.	Vendor No.	Description
269058	WMO-CP04-A7-85	Four fiber connections per panel, LC duplex, 62.5 $\mu$ m, ceramic insert, composite housing, white
214758	WMO-CP04-91-85	Four fiber connections per panel, SC duplex, 62.5 $\mu$ m multimode, metal insert, composite housing

# Corning Cable Systems

## Application Notes

### Horizontal Fiber Backbone

#### What are the traditional uses of fiber?

In traditional LAN environments, fiber was run up risers/elevator shafts of buildings to connect hubs from the main computer room (MDF) downstairs to hubs in telecommunications rooms on each floor (TR). The fiber in the riser usually consisted of 12, 24 or 48 multimode fibers to account for current and future needs and applications. In the past, it was not uncommon for only two of the total number of fibers to be terminated and used, while the others were left "dark" for future use. Because of low-bandwidth requirements, it was not uncommon to squeeze 50 or more users onto a single hub/segment. Because two fibers are generally all that are needed to connect hubs together (TR to MDF), everyone assumed that if they pulled 12 or 24 fibers, they would be future-proof. Due to minimal amounts of users, segments and application requirements, only one TR was usually needed to service an entire floor, but then something happened.

As the number of networked users has increased, and high-bandwidth applications have become a way of life, segmentation and microsegmentation have become a part of all networks in order to control congestion on LANs. Overcrowding on the corporate LAN has become a growing problem for many companies today, and shared LANs are becoming incapable of meeting the requirements of all users. In most networks, bandwidth is shared by all workstations, so congestion occurs during high-traffic loads. As the number of workstations increases, each station gets a smaller portion of the LAN bandwidth. LAN performance is also degraded due to increased collisions. A common practice to overcome this bandwidth limitation is to segment an existing network, thereby decreasing the number of users and traffic per segment. However, these segments still need to communicate with each other, and that is when bridges and switches are usually used. As more equipment is added to networks, one closet just can't service the whole floor anymore.

## Ruggedized Information Outlet (RIO)

CORNING CABLE SYSTEMS



Ideally suited for workstation high-traffic areas, the Corning Cable Systems Ruggedized Information Outlet (RIO) has a fiber capacity of four ports. The unit is available in two basic versions: shallow version or deep version. Covers include either a blank plate or a single-gang plate supplied by the end-user. The single-gang, wall-plate version (SGX) is ideal for applications where end-users will supply their own copper jacks mounted in a third-party plate. The shallow version is used with single- or dual-gang electrical boxes where cable access is inside the wall. The deep version is intended for surface-mount applications, such as cinder block, where cables can't run inside the walls, but can be used with electrical boxes.

## FEATURES

- Small 0.4 in. projection (shallow version); 2 in. projection (deep version)
- All-metal construction for ruggedness attached to the front door; visual jumper-connection verification is easy
- Cable bend-radius protection and strain-relief provisions located inside outlet
- Cover held on with four screws
- Copper jacks mount in cover, and fiber adapters mount in base for easy separation of media

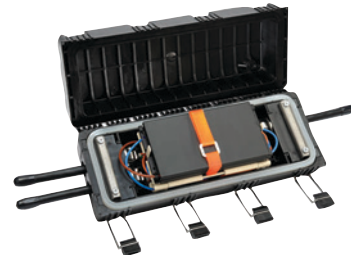
## APPLICATIONS

Used in applications where a robust outlet is required, including high-traffic workstations, industrial/manufacturing environments and hallways  
Schools where a tamperproof outlet is needed

Anixter No.	Vendor No.	Description
173427	RIO-04-25T-S-D-35	Simplex adapter, 4 fibers, ST compatible, 62.5 $\mu$ m multimode, metal insert, accepts single-gang plate, deep base
255814	RIO-91-SGX-D	SC duplex, multimode, composite insert, accepts single-gang plate, deep base

## UCAO Splice Closure

CORNING CABLE SYSTEMS



The UCAO Splice Closure provides excellent environmental protection for optical fiber splices.

The UCAO facilitates easy installation and access with its unique hinged case. The lid is secured with metal clips that snap open or closed. Each UCAO closure is lightweight, compact and watertight. UCAO Splice Closures can be used in aerial, underground or direct-buried applications and accommodate up to 60 single-fiber splices.

The UCAO closure also features a modular splice tray stacker that holds up to five splice trays. Each closure comes equipped with reusable seals. No special tools are required for closure assembly and re-entry.

## FEATURES

- Compact, lightweight design
- Hinged case with snap-open clips for easy access
- Accommodates five compact splice trays
- Equipped with reusable seals
- No special tools required
- No stress placed on finished splices within trays
- All required components are provided in one convenient carton
- Tested in accordance with GR-771

# Corning Cable Systems

## APPLICATIONS

Can be used in through-, branch- or midspan-type splice locations  
 Can be used in aerial, underground or direct-buried applications  
 Accommodates up to 60 single-fiber splices (UCAO-05)  
 Can be mounted on a pole, wall or stand

### UCAO CLOSURE

Dimensions (H x W x D): 121 mm x 162 mm x 381 mm (5 in. x 6 in. x 15 in.)

Anixter No.	Vendor No.	Description
523380	UCAO-05	Accepts five trays

### UCAO SPLICE TRAYS

Dimensions (H x W x D): 187 mm x 92 mm x 8 mm (7.4 in. x 3.6 in. x 0.33 in.)

Anixter No.	Vendor No.	Description
523381	UCAO-ST-01	UCAO .2 splice tray; holds 12 bare-fiber or crimp-type protectors
523382	UCAO-ST-02	UCAO .2 splice tray; holds 12 heat-shrink splice protectors
397665	UCAO-ST-03	UCAO .4 splice tray; holds four mass fusion splice protectors
212103	UCAO-ST-04	UCAO .4 splice tray; holds 12 CamSplice mechanical splices
397666	UCAO-ST-05	UCAO splice tray, holds six Fiberlok mechanical splices (requires UCAO-STKR-SP splice tray stacker)

### ACCESSORIES

Anixter No.	Vendor No.	Description
200372	UCAO-AHD	Aerial hanging device
200373	UCAO-BK1	Wall- and pole-mount bracket
252245	UCAO-CK1	Additional cable entry kit (10-pack)
523383	UCAO-TP	Sealing tape

## OptiSplice One Handheld Fusion Splicer

### CORNING CABLE SYSTEMS



Fastest total splice cycle time in the industry: 11 seconds splice + 20 seconds heat-shrink oven = 31 seconds typical.

High-capacity Li-Ion battery 200 splices with heat-shrink oven typical.

### FEATURES

- Two-in-one alignment unit offering direct active alignment with LID-SYSTEM Unit Technology and fast 3-axis camera-based passive core-alignment with Core Detection System (CDS)
- Utilizes automatic fusion time to optimize each splice (LID-SYSTEM Unit)
- Real splice-loss measurement with LID-SYSTEM or splice-loss estimation with CDS

- Auto-Start feature begins the splice process when the fiber flaps close
- Integrated global positioning system (GPS) for automatically adjusting for altitude changes, as well as storing splice-location coordinates
- Includes an external AC power adapter and a high-capacity Li-Ion battery with external charger
- Rugged, watertight "carry-on"-style carrying case
- Maintenance-free precise and durable (P&D) electrodes
- Ultra-fast heat-shrink oven (20-second heating time on 60 multimode heat-shrinks)
- USB work lamp (optional)
- Capable of building attenuators by using programmable splice-loss programs (up to 10 dB)
- RDUP listed (formerly RUS)

### OPTISPLICE ONE HANDHELD FUSION SPLICER

Anixter No.	Vendor No.	Description
370438	OS1-OSM-T-H	OptiSplice One Handheld Fusion Splicer with cleaver, one set of 250 $\mu$ m handlers, fast heat-shrink oven, carrying case, one Li-Ion battery, external battery charger, AC power supply with U.S. cord, operator's manual (English), detachable splice tray holder/screen cover and one-year limited warranty

### ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
371083	FBC-012	High-performance, mass fiber cleaver
374869	OS-ELECTRODE-1	Spare electrodes
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
374868	OS1-001	Crimp & Go splice protection crimping device
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
374870	OS1-002	Splice Pak splice protector crimping device for OptiSplice One handheld fusion splicer
144227	A0276859	Splice Pak splice protector, yellow, 250 $\mu$ m/250 $\mu$ m (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 $\mu$ m/900 $\mu$ m (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 $\mu$ m/900 $\mu$ m (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
374872	OS-ADAPT900-1	Fiber handler set for coated 900 $\mu$ m single-fiber
209620	OFT-000	Optical fiber access tool for midspan access
374873	OS-LIIONBATT-1	Spare Li-Ion battery
374874	OS-003	Shoulder harness and universal tripod mount
374875	OS-004	Aerial splicing platform kit



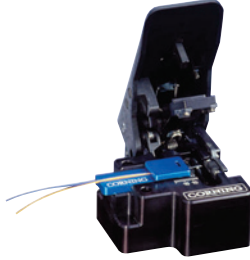
## Infrastructure

# Corning Cable Systems

### Fiber Cleavers

CORNING CABLE SYSTEMS

FBC-012



The FBC-012 mass fiber cleaver provides excellent cleaves of one to 12 fibers using a simple one-step operation. The cleaver comes with a universal single-fiber guide that may be used when cleaving single fibers. The removable guide allows the cleaver to hold common fiber-handling adapters of mass-fusion splicers or fiber handlers for UniCam Connector installation. The 12-position blade can be replaced in the field.

Anixter No.	Vendor No.	Description
371083	FBC-012	High-performance, mass fiber cleaver

FBC-007



The FBC-007 High-Performance Cleaver is a handheld, ergonomically designed, precision cleaver enabling easy installation of UniCam Connectors. The cleaver provides consistent cleaves regardless of operator skill level. It uses a dual-clamp for precision and a diamond blade for superior cleaving. There is consistent cleaving of 250 or 900 micron fibers and it is compatible with jacketed applications. The handheld cleaver does not require a work surface in order to perform precision cleaves.

Anixter No.	Vendor No.	Description
444620	FBC-007	High-Performance UniCam Cleaver
447235	HAN-STANDARD	900 $\mu$ m tight buffered fiber handler
447236	HAN-FANOUT-UNI	900 $\mu$ m fan-out tubing handler for UniCam
447237	HAN-TRACK	Track for fan-out tubing fiber handlers

FBC-006



This cleaver provides smooth, flat, perpendicular fiber end-faces (typically  $< 0.7$  degrees) necessary for low-loss fusion or mechanical splicing. Fast and easy to use, it produces high-quality, repeatable cleaves for multimode and single-mode fibers in one simple step. The unit cleaves all 250  $\mu$ m coated fibers and 900  $\mu$ m buffered fibers.

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
187848	FBC-006-01	Replacement diamond blade for FBC-006 cleaver

FBC-002



The least expensive of all Corning Cable Systems cleavers, the FBC-002 is adequate ( $< 2$  degrees) for cleaving fiber ends for OTDR access (through a lab splice or XYZ stage), multimode and single-mode mechanical splicing, and UniCam Connector installation.

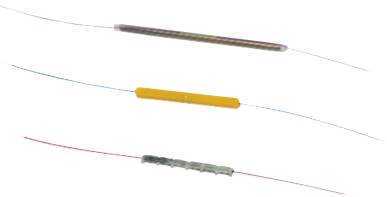
Anixter No.	Vendor No.	Description
440187	FBC-002	Fiber cleaver, score and snap



# Corning Cable Systems

## Fusion Splice Protection

CORNING CABLE SYSTEMS



Corning Cable Systems offers a variety of splice protection choices to meet your needs. All the types of protection pictured and described here allow individual fiber access in the splice tray. Corning Cable Systems offers heat-shrink protection in both single-fiber and multifiber versions.

### HEAT-SHRINK SINGLE- OR MULTIFIBER SPLICE PROTECTOR

Heat-shrinkable splice protection continues to be the most popular method to protect fusion splices. The sleeve securely protects the fusion splice on either 250 or 900  $\mu\text{m}$  coated fibers, while offering individual access to each fusion splice. Corning Cable Systems Heat-shrink Sleeves are compatible with most splice trays offered and are compatible with all heat-shrink ovens offered with Corning Cable Systems Fusion Splicers. Corning Cable Systems offers both single-fiber and multifiber heat-shrink sleeves.

### SPLICE PAK SINGLE-FIBER SPLICE PROTECTOR

The Splice Pak Splice Protector is a cost-effective alternative to the heat-shrink protective sleeve. It has a plastic clamshell design with an adhesive applied to the inside surface. The Splice Pak Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer. The Splice Pak Splice Protector is offered in three types for different fiber-diameter combinations.

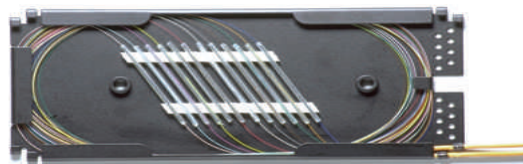
### CRIMP & GO SINGLE-FIBER SPLICE PROTECTOR

The Crimp & Go Splice Protector encloses the splice within an aluminum sleeve sealed with an elastic material. Like the Splice Pak Splice Protector, the Crimp & Go Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer.

Anixter No.	Vendor No.	Description
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
219339	2806031-012	Heat-shrink mass splice protector parts, 6- or 12-fiber ribbon (package of 25; 40 mm long)
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
144227	A0276859	Splice Pak splice protector, yellow, 250 $\mu\text{m}$ /250 $\mu\text{m}$ (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 $\mu\text{m}$ /900 $\mu\text{m}$ (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 $\mu\text{m}$ /900 $\mu\text{m}$ (package of 25)

## Splice Trays

CORNING CABLE SYSTEMS



Corning Cable Systems splice trays use proven designs and fiber-organization technology to provide optimum physical protection for fusion and mechanical splicing methods. The trays are engineered for use with indoor or outdoor splice hardware with both loose tube and tight-buffered optical cable designs. Available in either a metallic version (M67 series) or an injection-molded plastic version (UST series), the generous size of the trays prevents induced attenuation due to fiber bending. The metal-tray series consists of a rugged aluminum base and cover with crimpable metal tabs for buffer tube strain-relief. Additional strain-relief points are available for securing buffer tubes or pigtails to the trays using cable ties. These trays are designed for use with Corning Cable Systems interconnection hardware and splice closures.

### FEATURES

- Craft-friendly design
- Available for many splicing methods
- Used for multimode or single-mode systems
- Metal trays feature black-powder coating for ease of fiber identification and protection
- Metal trays come standard with aluminum tops
- Clear plastic covers available for most metal trays
- No stress placed on completed splices within tray

### APPLICATIONS

For use with indoor or outdoor splice hardware  
Protects and manages fibers and fiber splices  
Used at field-splice, transition-splice and end-splice locations

Anixter No.	Vendor No.	Description
135182	M67-031	Tray for 12 mechanical splices - type 2S
095938	M67-041	Tray for 12 RTV fusion splices - Type 2S. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
168667	M67-041-C	Tray for 12 RTV fusion splices - Type 2S, clear cover. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
197211	M67-048-C	Tray for 12 single-fiber heat-shrink fusion splices - Type 2S, clear cover. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
125239	M67-060	Tray for 12 RTV fusion splices - Type 2R. Dimensions: 17.5 x 8.9 x 0.5 cm (6.9 x 3.5 x 0.2 in.)
125240	M67-061	Tray for six mechanical splices - type 2R

Continued on next page &gt;&gt;

# Infrastructure

## Corning Cable Systems

### (continued) Splice Trays

Anixter No.	Vendor No.	Description
190426	M67-068	Tray for six heat-shrink fusion splices - Type 2R. Dimensions: 18.5 x 8.9 x 0.5 cm (7.3 x 3.5 x 0.2 in.)
219337	M67-076	Tray for 12 single-fiber or six mass fusion heat-shrinks, type 4S
144411	M67-078	Wide tray for 24 heat-shrink fusion splices - Type 4S Wide. Dimensions: 29.7 x 11.0 x 1.0 cm (11.7 x 4.3 x 0.4 in.)
269486	M67-092	Tray for 12 RTV fusion splices - Type 2R. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
252913	M67-112	Long tray for 24 heat-shrink fusion splices - Type 2S Long. Dimensions: 33.6 x 9.9 x 0.5 cm (13.25 x 3.9 x 0.2 in.)
266672	SCF-ST-077	Tray for 48 single-fiber or 12 mass fusion heat-shrinks, type 4S
514043	UST-024	Universal Splice Tray (organizers included for RTV fusion, heat-shrink fusion, mass fusion and mechanical splices) - type 4A

The trays have a "type" that is shown in the splice-tray descriptions. This type can be used to match compatibility with various Corning Cable Systems splice housings.

Single-fiber heat-shrink fusion-splice trays will accept 60 mm single-fiber heat-shrink fusion-splice protectors.

Heat-shrink mass fusion-splice trays accept multifiber heat-shrink mass fusion splice protectors.

All splice trays can be used for single-mode or multimode applications.

Mechanical trays accept Corning Cable Systems CamSplice Mechanical Splice and other mechanical splices with equivalent dimensions.

### Fiber Optic Splicing Tool Kits

#### CORNING CABLE SYSTEMS

Corning Cable Systems tool kits provide the craftsman with a collection of essential tools required for tasks associated with the installation, maintenance and termination of fiber optic cable. The tools used in the kits are thoughtfully assembled and are stored in high-quality cases, keeping them safe, neat and in proper working order.

#### FUSION SPLICING TOOL KIT



This kit is designed to be compatible with fusion splicers. It includes tools and supplies required for cable-jacket removal and fusion splicing. Contents: LST-000-016

Anixter No.	Vendor No.	Description
086550	M67-003	Fusion splicing tool kit
153567	M67-004	Fusion splicing consumables kit, replenishes the M67-003 tool kit

#### CAMSPICE MECHANICAL SPLICE TOOL KIT WITHOUT CLEAVER



Includes assembly tool, buffer tube-cutting tool, fiber coating stripping tool and other miscellaneous items required for splicing. Kit comes in compact carrying case. Assembly tool can be ordered separately. Contents: LST-000-050

Anixter No.	Vendor No.	Description
129468	TKT-100-01	CamSplice mechanical splice tool kit; includes CamSplice Mechanical Splice assembly fixture, fiber coating stripping tool and other miscellaneous items required for splicing; kit comes in a compact carrying case
129625	TKT-100-02	CamSplice mechanical splice tool kit; including an FBC-002 fiber cleaver

## TX6A 10GIG UTP Copper Cable - 10 Gigabit

PANDUIT



PANDUIT's TX6A 10GIG UTP Copper Cabling System is a next-generation design utilizing innovative cable matrix tape technology and advanced connector compensation techniques to yield revolutionary channel performance. This new UTP cable design addresses the customer's preference for smaller and round-shape Category 6A cable without compromising performance. The TX6A 10GIG UTP Copper Cabling System provides better risk management throughout the enterprise by achieving operational cost efficiencies and reducing downtime. PANDUIT has developed this advanced system for mission-critical data centers and enterprise applications. This highly reliable and scalable infrastructure solution will increase network availability, mitigate risk and minimize power consumption.

## SPECIFICATIONS

1. CMP - 23 AWG, CMR - 23 AWG; 4-pair UTP
2. Solid bare annealed copper conductors
3. Nominal O.D. (in.): CMR 0.295, CMP 0.295
4. CMR - PE insulation, CMP - FEP insulation
5. CMR and CMP - FRPVC jacket
6. Cross-divider separates pairs for exceptional performance
7. Plenum (CMP) and nonplenum (CMR) flame-rated

## Technical Information &amp; Standards

Certified channel performance in a 4-connector configuration up to 100 meters and exceeds the requirements of ANSI/TIA-568-C.2 Category 6A and ISO 11801 Class E<sub>A</sub> standards for supporting 10GBASE-T transmission over twisted-pair cabling systems as part of the PANDUIT TX6A 10GIG UTP Copper Cabling System. Certified component performance up to 100 meters and exceeds the ANSI/TIA-568-C.2 Category 6A and IEC 61156-5 Category 6A standards for supporting 10GBASE-T transmission over twisted-pair cabling systems.

## PLENUM

NOTE: 1,000 ft. reel.

Anixter No.	Vendor No.	Description
<b>CMP-00423PND-6A-01</b>	PUP6A04WH-UG	White
<b>CMP-00423PND-6A-05</b>	PUP6A04YL-UG	Yellow
<b>CMP-00423PND-6A-06</b>	PUP6A04BU-UG	Blue

## NONPLENUM

NOTE: 1,000 ft. reel.

Anixter No.	Vendor No.	Description
<b>CM-00423PND-6A-01</b>	PUR6A04WH-UG	White
<b>CM-00423PND-6A-05</b>	PUR6A04YL-UG	Yellow
<b>CM-00423PND-6A-06</b>	PUR6A04BU-UG	Blue

Additional colors available upon request.  
Should be installed as part of the complete PANDUIT  
TX6A 10GIG Copper Cabling System.

## TX6000 - Category 6 UTP Cable

PANDUIT

The TX6000 cables exceed Category 6 standards performance requirements. This product offers a small diameter for efficient pathway fill, is supplied 1,000 feet in an easy-payout EZ-Brake reel-in-a-box and has descending length markers on the cable to help speed installation.

## SPECIFICATIONS

1. 23 AWG, 4-pair UTP
2. Solid bare copper conductors
3. Cable diameter: CMR 0.240, CMP 0.236
4. CMR - PE insulation, CMP - FEP insulation
5. CMR and CMP - FRPVC jacket
6. Pair separator
7. Plenum (CMP) and nonplenum/riser (CMR) flame-rated

## Technical Information &amp; Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Edition Class E channel standards

Exceeds requirements of ANSI/TIA-568-C.2 and IEC 61156-5  
Category 6 component standards

## PLENUM

Anixter No.	Vendor No.	Description
<b>CMP-00424PND-7RB-01</b>	PUP6004WH-UY	White
<b>CMP-00424PND-7RB-05</b>	PUP6004YL-UY	Yellow
<b>CMP-00424PND-7RB-06</b>	PUP6004BU-UY	Blue
<b>CMP-00424PND-7RB-09</b>	PUP6004IG-UY	International gray

## NONPLENUM

Anixter No.	Vendor No.	Description
<b>CM-00424PND-7RB-01</b>	PUR6004WH-UY	White
<b>CM-00424PND-7RB-05</b>	PUR6004YL-UY	Yellow
<b>CM-00424PND-7RB-06</b>	PUR6004BU-UY	Blue
<b>CM-00424PND-7RB-09</b>	PUR6004IG-UY	International gray

Additional colors available upon request.

When installed as part of the TX6000 end-to-end solution, the PANDUIT  
Channel Headroom Warranty is available.

## PANDUIT

## TX5500 - Category 5e UTP Cable

## PANDUIT

The TX5500 cables offer superior performance that exceeds Category 5e performance requirements. This product offers a small diameter for efficient pathway fill, is supplied 1,000 feet in an easy-payout Reelex package, and has descending length markers on the cable to help speed installation.

## SPECIFICATIONS

1. 24 AWG, 4-pair UTP
2. Solid bare copper conductors
3. Cable diameter: 4-pair riser - 0.225 in., 4-pair plenum - 0.193 in.
4. CMR - PE insulation, CMP - FEP insulation
5. CMR and CMP - FRPVC jacket
6. Plenum (CMP) and nonplenum/riser (CMR) flame rated

## Technical Information &amp; Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 5e and ISO 11801 2nd Edition Class D channel standards

Exceeds requirements of ANSI/TIA-568-C.2 and IEC 61156-5 Category 5e component standards

## PLENUM

Anixter No.	Vendor No.	Description
CMP-00424PND-6U-01	PUP5504WH-UY	White
CMP-00424PND-6U-05	PUP5504YL-UY	Yellow
CMP-00424PND-6U-06	PUP5504BU-UY	Blue

## NONPLENUM

Anixter No.	Vendor No.	Description
CM-00424PND-6U-01	PUR5504WH-UY	White
CM-00424PND-6U-06	PUR5504BU-UY	Blue
CM-00424PND-6U-09	PUR5504IG-UY	International gray

Also available in 25-pair plenum and nonplenum/riser.  
Additional colors available upon request.

## DP6A 10GIG Patch Panels - Category 6A

## PANDUIT



The DP6A 10GIG Patch Panels are Category 6A, 10 Gbps patch panels with 24 RJ45, 8-position, 8-wire to 110-type punch-down ports. Through the use of the patent-pending Flex Technology, the modules deliver innovative connectivity to support 10 Gigabit Ethernet. Each panel port is 100 percent tested to ensure NEXT and RL performance and is individually serialized for traceability. Mounts to standard EIA 19 in. rack or 23 in. racks with optional extender brackets.

## FEATURES

- Utilizes 110 punch-down termination on back panel and includes retention cap for each port
- Each port contains a universal label that is color-coded for T568A and T568B wiring schemes

- Angled versions allow for higher-density applications by easily routing the patch cords to each side of the panel, eliminating the need for horizontal cable management
- Terminates 4-pair, 22 to 26 AWG, 100 ohm, solid or stranded, twisted-pair cable
- Mounts to standard EIA 19 in. rack or 23 in. racks with optional extender bracket
- Write-on areas for port and panel identification
- Can be clearly identified with labels and icons
- Label kits (DPLK24 and DPLK48) contain adhesive label holder and labels for easy port and panel identification

## Technical Information &amp; Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6A, IEEE 802.3an-2006, and ISO 11801 Class E<sub>A</sub> channel standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6A and IEC 61156-5 Category 6A component standards

Meets draft requirements of IEEE 802.3at for PoE Plus

## DP6 10GIG FLAT PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units
307300	DP246X88TGY	24	1
307301	DP486X88TGY	48	2

## DP6 10GIG ANGLED PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units
311385	DPA246X88TGY	24	1
311386	DPA486X88TGY	48	2

Should be installed as part of complete TX6A 10GIG Copper Cabling System in order to achieve 10GBASE-T certified performance.

M6 and #12-24 mounting screws included.

Replaceable punch-down modules available, Part No. DRJ6X88TGBL.

Termination tool (PDT110) available.

## DP6 PLUS UTP Patch Panels - Category 6

## PANDUIT



The DP6 Plus Patch Panels are Category 6 patch panels with RJ45, 8-position, 8-wire to 110-type punch-down ports. Each panel port is 100 percent tested to ensure NEXT and RL performance and is individually serialized for traceability. Mounts to standard EIA 19 in. rack or 23 in. racks with optional extender brackets.

## FEATURES

- Utilizes 110-type punch-down termination on back panel and includes retention cap for each port
- Each port contains a universal label that is color-coded for T568A/B wiring schemes
- Angled versions allow for higher-density applications by easily routing the patch cords to each side of the panel eliminating the need for horizontal cable management
- Terminates 4-pair, 22 to 26 AWG, 100 ohm, solid or stranded, twisted-pair cable

- Write-on areas for port and panel identification
- Can be clearly identified with labels and icons
- Label kits contain adhesive label holder and labels for easy port and panel identification

#### Technical Information & Standards

Exceeds ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Edition Class E Standards

##### DP6 PLUS FLAT PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units
311397	DP12688TGY	12	N/A
311398	DP24688TGY	24	1
311399	DP48688TGY	48	2

##### DP6 PLUS ANGLED PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units
311400	DPA24688TGY	24	1
311401	DPA48688TGY	48	2

12-port panel mounts to an 89D bracket. Use Part No. 192866.

#### DP5e UTP Patch Panels

PANDUIT



The DP5e UTP Patch Panels are Category 5e patch panels with RJ45, 8-position, 8-wire to 110-type punch-down ports. Each panel port is 100 percent tested to ensure NEXT and RL performance and is individually serialized for traceability. Mounts to standard EIA 19 in. rack or 23 in. racks with optional extender brackets.

#### FEATURES

- Utilizes 110-type punch-down termination on back panel and includes retention cap for each port
- Each port contains a universal label that is color-coded for T568A/B wiring schemes
- Angled versions allow for higher-density applications by easily routing the patch cords to each side of the panel, eliminating the need for horizontal cable management
- Terminates 4-pair, 22 to 26 AWG, 100 ohm, solid or stranded, twisted-pair cable
- Write-on areas for port and panel identification
- Can be clearly identified with labels and icons
- Label kits contain adhesive label holder and labels for easy port and panel identification

#### Technical Information & Standards

Exceeds ANSI/TIA-568-C.2 Category 5e and ISO 11801 2nd Edition Class D Standards

##### DP5E FLAT PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units
326674	DP125E88TGY	12	N/A
311403	DP245E88TGY	24	1
311404	DP485E88TGY	48	2

##### DP5E ANGLED PATCH PANELS

Anixter No.	Vendor No.	Number of Ports	Rack Units
311405	DPA245E88TGY	24	1
311406	DPA485E88TGY	48	2

The 12-port version mounts to an 89D bracket. See Part No. 192866.

#### ULTIMATE ID Modular Patch Panels

PANDUIT



#### FEATURES

- Designed to efficiently support ANSI/TIA-606-A standard labeling requirements
- Mount to standard EIA 19 in. racks or 23 in. racks with optional extender bracket
- Accepts MINI-COM modules for STP and UTP (including Category 5e and Category 6)
- Fiber optic and coax, which snap in and out for easy moves, and changes can be clearly identified with PANTHER LS8E Hand-held Thermal Transfer Printer
- Computer printable label sheets for desktop printers and write-on labels are available
- Replacement label covers are available
- Labels sold separately

##### FLAT

Anixter No.	Vendor No.	Number of Ports	Rack Units
277737	UICMPP24BLY	24	1
277734	UICMPP48BLY	48	2

##### ANGLED

Anixter No.	Vendor No.	Number of Ports	Rack Units
283426	UICMPPA24BLY	24	1
283429	UICMPPA48BLY	48	2



## PANDUIT

## MINI-COM Modular Snap-In Faceplate Patch Panels

PANDUIT



MINI-COM Snap-In Faceplate Patch Panels accept MINI-COM modules for UTP (including Category 5e and Category 6), fiber optic and audio/video, which snap in and out for easy moves, adds and changes. All panels are supplied with snap-in faceplates, which provide additional color-coding options. Faceplates are in groups of 4-ports.

## WITHOUT LABELS

Supplied with factory-installed, CFFP4-type, snap-in faceplates

Anixter No.	Vendor No.	Number of Ports	Rack Units
181432	CPP12WBL	12	1
175037	CPP24WBL	24	1
175035	CPP48WBL	48	2

## WITH LABELS

Supplied with factory-installed, CFFPL4-type, snap-in faceplates

Anixter No.	Vendor No.	Number of Ports	Rack Units
224234	CPPL24WBL	24	1
224235	CPPL48WBL	48	2

## WITH LABELS, ANGLED

Supplied with factory-installed, CFFPL4-type, front-removable, snap-in faceplates

Anixter No.	Vendor No.	Number of Ports	Rack Units
251919	CPPLA24WBL	24	1
251922	CPPLA48WBL	48	2

## FLUSH MOUNT

Rear-mounted faceplates allow modules to be flush with front of patch panel

Anixter No.	Vendor No.	Number of Ports	Rack Units
273855	CPP24FMWBL	24	1
273856	CPP48FMWBL	48	2
338392	CPP72FMWBL	72	2

## FLUSH MOUNT, ANGLED

Rear-mounted faceplates allow modules to be flush with front of patch panel

Anixter No.	Vendor No.	Number of Ports	Rack Units
330728	CPPA24FMWBL	24	1
322428	CPPA48FMWBL	48	2

12-port version mounts to an 89D bracket. See Part No. 192866.

## MINI-COM 12-port Snap-in Faceplate Patch Panels

PANDUIT



This patch panel is supplied with three CFFP4-type, snap-in faceplates. Accepts MINI-COM modules for UTP (including Category 5e and Category 6), fiber optic and audio/video, which snap in and out for easy moves, adds and changes. Color is black.

## FEATURES

- No need for 89D brackets
- Mounts to modular furniture
- Can be mounted on floor
- Can be vertically or horizontally wall-mounted

Anixter No.	Vendor No.	Description
201078	CWPP12WBL	12-port patch panel supplied with three factory-installed CFFP4 snap-in faceplates with integrated wall-mount bracket
181432	CPP12WBL	12-port patch panel mounts to standard 89D bracket (WB89D)
192866	WB89D	Wall-mount bracket accepts 12-port snap-in faceplate patch panel

## DPoE Power Patch Panels

PANDUIT



DPoE Power Patch Panels offer high-density, managed power solutions in a space-saving 1RU design that helps utilize available space by requiring only 38 percent of the rack space typically used by traditional midspans, using approximately half the patch cords necessary for traditional midspans and eliminating the need for additional horizontal cable management.

## FEATURES

- Deliver reliable, cost-effective Power over Ethernet for permanent installations
- Combine patching and power in a single device, occupying only one rack space
- Supports 15.4 W to every port
- Fully compliant with IEEE 802.3af standards
- Eliminate power budget load balancing
- Offer RJ45 terminations with LEDs on front of panels to indicate port powering or port status and 110-type punch-down terminations on rear of panel for networking management connections



- Dissipates significantly less heat than comparable network equipment
- Includes DPoE Element Manager Software CD, rack-mount screws, grounding strap and lug, and power harness
- Requires 48 V DC power supply

Anixter No.	Vendor No.	Description
356833	DPOE24U1XG	24-port UTP 1 GbE 10/100/1000 power patch panel

## DPoE Compact 8 Midspan

PANDUIT



The DPoE Compact 8 Midspan offers adaptability to add or remove port modules as needed, providing the flexibility to accommodate ongoing changes.

### FEATURES

- Delivers reliable, cost-effective Power over Ethernet to new or existing networks
- Supports up to 32 W (2x power) to every port
- Fully compliant with IEEE 802.3af Standards
- Compact, modular design allows up to three units to fit horizontally across one rack space
- Dissipates significantly less heat than comparable network equipment
- Scalable to grow network as needed
- Requires 48 V DC power supply

Anixter No.	Vendor No.	Description
330736	DPOE8S2XG	DPoE Power Midspan
326543	DPOE8KIT	DPoE Power Midspan Kit
330742	DPOEWM8B	Wall-mount bracket
330743	DPOEPL8BU	DPoE modular 8-port passive module
305186	DPOEPWRB120Y	120 W power supply
330740	DPOEPWRDUAL	DPoE dual power bus adapter
373091	CORD-S15	AC power cord
342938	DPOESHELF	Shelf for Midspan 8, 1RU

## DPoE Power System

PANDUIT



DPoE Power Patch Panels are ready to connect directly to 110/220 V AC power or through an uninterruptible power supply (UPS) using the DPoE Power System. The DPoE Power System utilizes high-efficiency power supplies (> 92 percent) that can be hot-swapped for field upgrades, or for replacement, without taking the entire system down.

### FEATURES

- Offers 48 V DC power that is scalable from 1,250 W to 3,750 W
- Utilizes high-efficiency power supplies that can be hot-swapped for upgrades or replacement without taking the entire system down
- Provides consistent powering across a wide range of devices and application needs
- Offers a low-profile, 1-rack space design
- Emits 35 percent less heat compared to other power supply systems
- Increases reliability with problem fault isolation

Anixter No.	Vendor No.	Description
305188	DPOEPWRCU	1RU power system chassis
305618	DPOEPWRR1250	1,250 W power rectifier
373091	CORD-S15	AC power cord

## MINI-COM TX6A 10GIG UTP Jack Module - Category 6A

PANDUIT



MINI-COM TX6A 10GIG Jack Modules are Category 6A, 10 Gbps, 8-position, 8-wire universal modules that utilize enhanced GIGA-TX Technology for jack termination, which optimizes performance by maintaining cable pair geometry and eliminating conductor untwist. Through the use of a patent-pending Flex Technology, the modules deliver innovative connectivity to support 10 Gigabit Ethernet. Each jack module is 100 percent tested to ensure NEXT and RL performance and is individually serialized for traceability. Compatible with MINI-COM patch panels, faceplates and surface-mount boxes.

### FEATURES

- Terminates 4-pair, 26 to 22 AWG, 100 ohm, solid or stranded, shielded twisted-pair cable
- T568A/B universally wired
- No punch-down tool required

Continued on next page >>

# PANDUIT

## (continued) MINI-COM TX6A 10GIG UTP Jack Module - Category 6A

- Can be reterminated a minimum of 20 times
- Blue termination cap designates 10 Gig, Category 6A performance
- Accepts 6- and 8-position modular plugs without damage

### Technical Information & Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6A, IEEE 802.3an-2006, and ISO 11801 Class EA channel standards. Exceed ANSI/TIA-568-C.2 Category 6A and IEC 61156-5 Category 6A component standards. Meets requirements of IEEE 802.3at for PoE Plus

Anixter No.	Vendor No.	Description
307325	CJ6X88TGBL	Black
307322	CJ6X88TGBU	Blue
307319	CJ6X88TGEI	Electric ivory
307323	CJ6X88TGGR	Green
307320	CJ6X88TGIG	International gray
307317	CJ6X88TGIW	Off-white
307327	CJ6X88TGOR	Orange
307321	CJ6X88TGRD	Red
307326	CJ6X88TGVL	Violet
323290	CJ6X88TGW	White
307324	CJ6X88TGYL	Yellow

Additional colors available upon request.

## MINI-COM TX6 PLUS UTP Jack Module - Category 6

PANDUIT



MINI-COM TX6 PLUS Jack Modules are Category 6 RJ45 8-position, 8-wire, universal, patent-pending modules that utilize enhanced GIGA-TX Technology for termination, which optimizes performance by maintaining cable pair geometry and eliminating conductor untwist. Each jack module is 100 percent tested to ensure NEXT and RL performance and is individually serialized for traceability. Compatible with MINI-COM patch panels, faceplates and surface-mount boxes.

### FEATURES

- Terminates 4-pair, 26 to 22 AWG, 100 ohm, solid or stranded, shielded twisted-pair cable
- T568A/B universally wired, termination cap color coded for both wiring schemes
- No punch-down tool required; termination tool (EGJT) ensures conductors are fully terminated
- Optional termination tool (TGJT) reduces termination time by 25 percent
- Off-white termination cap designates Category 6 PLUS performance
- Accepts 6- and 8-position modular plugs without damage
- Can be reterminated a minimum of 20 times
- Can be clearly identified with optional labels and icons

### Technical Information & Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6, IEEE 802.3an-2006 and ISO 11801 Class E channel standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6 and IEC 61156-5 Category 6 component standards

Meets requirements IEEE 802.af and IEEE 802.3at for PoE applications

Anixter No.	Vendor No.	Description
311268	CJ688TGBL	Black
311321	CJ688TGBU	Blue
311322	CJ688TGEI	Electric ivory
311323	CJ688TGGR	Green
311324	CJ688TGIG	International gray
311325	CJ688TGIW	Off-white
311326	CJ688TGOR	Orange
311327	CJ688TGRD	Red
311328	CJ688TGVL	Violet
311329	CJ688TGW	White

## MINI-COM TX5e UTP Jack Module - Category 5e

PANDUIT



MINI-COM TX5e UTP Jack Modules are Category 5e RJ45 8-position, 8-wire, universal modules that utilize enhanced GIGA-TX Technology for termination, which optimizes performance by maintaining cable pair geometry and eliminating conductor untwist. Each jack module is 100 percent tested to ensure NEXT and RL performance and is individually serialized for traceability. Compatible with MINI-COM patch panels, faceplates and surface-mount boxes.

### FEATURES

- Terminates 4-pair, 26 to 22 AWG, 100 ohm, solid or stranded, shielded twisted-pair cable
- T568A/B universally wired, termination cap is color-coded for both wiring schemes
- No punch-down tool required; termination tool (EGJT) ensures conductors are fully terminated
- Optional termination tool (TGJT) reduces termination time by 25 percent
- Can be reterminated a minimum of 20 times
- Red termination cap designates Category 5e performance and provides a positive strain relief
- Accepts 6- and 8-position modular plugs without damage
- Can be clearly identified with optional labels and icons

### Technical Information & Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 5e, IEEE 802.3an-2006, and ISO 11801 Class D channel standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 5e and IEC 61156-5 Category 5e component standards

Meets requirements of IEEE 802.af and IEEE 802.3at for PoE applications

Anixter No.	Vendor No.	Description
311330	CJ5E88TGBL	Black
311332	CJ5E88TGBU	Blue
311333	CJ5E88TGEI	Electric ivory
311340	CJ5E88TGGR	Green
311334	CJ5E88TGIG	International gray
311335	CJ5E88TGIW	Off-white
311336	CJ5E88TGOR	Orange
311337	CJ5E88TGRD	Red
311341	CJ5E88TGVL	Violet
311338	CJ5E88TGW	White
311339	CJ5E88TGYL	Yellow

## MINI-COM Category 5e UTP Coupler Module

PANDUIT



MINI-COM TX5e coupler modules are Category 5e RJ45 8-position, 8-wire-to-RJ45 8-position, 8-wire universal, female pass-through modules.

### FEATURES

- RJ45 female to RJ45 female pass-through module
- Accepts 6- and 8-position modular plugs without damage
- Can be clearly identified with optional labels and icons
- Not suitable for surface-mount box applications

### Technical Information & Standards

Designed to exceed ANSI/TIA-568-C.2 Category 5e and ISO 11801 2nd Edition Class D channel standards

Meet requirements of IEEE 802.af and IEEE 802.3at for PoE applications

Anixter No.	Vendor No.	Description
311344	CC5E88BL	Black
311348	CC5E88IW	Off-white

## MINI-COM Modules

PANDUIT



MINI-COM Modules snap in and out of all MINI-COM modular patch panels, faceplates and surface-mount boxes for fast moves, adds and changes and all MINI-COM modular patch panels for closet applications. Modules snap in and out individually, enabling you to customize each and every installation to meet your exact requirements.

### 50 OHM BNC COAX COUPLER MODULE

Anixter No.	Vendor No.	Description
225507	CMBABLY	Black
174031	CMBAEIY	Electric ivory
174030	CMBAIWY	Off-white

### 75 OHM BNC COAX COUPLER MODULE

Anixter No.	Vendor No.	Description
231409	CMBA75BLY	Black
255074	CMBA75EIY	Electric ivory
235132	CMBA75IWY	Off-white

### F-TYPE COUPLER MODULE

Anixter No.	Vendor No.	Description
286338	CMFBL	Black
286337	CMFEI	Electric ivory
286340	CMFIG	International gray
286336	CMFIW	Off-white
286339	CMFWH	White

### F-TYPE MODULES - SELF-TERMINATING

Anixter No.	Vendor No.	Description
251905	CMFSREIY	Electric ivory
268189	CMFSRIGY	International gray
268187	CMFSRIWY	Off-white
268188	CMFSRWYH	White

### RCA PASS-THROUGH MODULES

Anixter No.	Vendor No.	Description
250682	CMRPRIW	Off white with red insert
250684	CMRPWIW	Off white with white insert
250683	CMRPYIW	Off white with yellow insert

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## PANDUIT

*(continued)* MINI-COM Modules

## MINI-COM RCA 110-STYLE PUNCH-DOWN MODULES

Anixter No.	Vendor No.	Description
251984	CJRREI	Red insert, electric ivory module
251985	CJRRIW	Red insert, off white module
241412	CJRRWH	Red insert, white module
251986	CJRWEI	White insert, electric ivory module
250681	CJRYIW	Yellow insert, off-white module
250679	CJRWIW	White insert, off-white module

## S-VIDEO 110-STYLE PUNCH-DOWN MODULE

Anixter No.	Vendor No.	Description
251988	CJSVIW	Off-white

## MINI-COM S-VIDEO PASS-THROUGH MODULE

Anixter No.	Vendor No.	Description
272117	CMSVCIWY	Off-white

## BLANK MODULES

Packs of 10

Anixter No.	Vendor No.	Description
266822	CMBBL-X	Blank module for one adapter space, black
266823	CMBEI-X	Electric ivory
266824	CMBIG-X	International gray
266820	CMBIW-X	Off-white
266825	CMBWH-X	White

## 15-PIN HIGH-DENSITY D-SUBMINIATURE MODULE

Anixter No.	Vendor No.	Description
331399	CMD15HDBLY	Black
331396	CMD15HDEIY	Electric ivory
331397	CMD15HDIGY	International gray
331395	CMD15HDIWY	Off-white

## MINI-COM 3.5 MM STEREO CONNECTOR AND COUPLER MODULES

Anixter No.	Vendor No.	Description
385777	CM35MSCIWY	Stereo coupler module, Off-white
318605	CM35MSSIW	Stereo connector, Off-white

## MINI-COM 5-WAY BINDING POST MODULES

Anixter No.	Vendor No.	Description
337104	CMBPBIWY	Off-white module, post with black stripe
341797	CMBPRIWY	Off-white module, post with red stripe

## MINI-COM HDMI COUPLER

Anixter No.	Vendor No.	Description
CMHDMIW	CMHDMIW	Off-white

## MINI-COM USB COUPLER

Anixter No.	Vendor No.	Description
447610	CMUSBAIW	Off-white

## MINI-COM Classic Series Faceplates with Labels

## PANDUIT



MINI-COM Classic Series Faceplates accept MINI-COM modules for STP and UTP (including Category 5e and Category 6), fiber optic and audio/video, which snap in and out for easy moves, adds and changes. The ULTIMATE ID products are designed to efficiently support the ANSI/TIA-606-A standard labeling requirements. Labels sold separately for ULTIMATE ID products.

## 2-PORT

Anixter No.	Vendor No.	Description
224360	CFPL2EIY	Electric ivory
234233	CFPL2IWY	Off-white
245448	CFPL2WHY	White

## 2-PORT SLOPED

Icon slots

Anixter No.	Vendor No.	Description
236637	CFPSL2EIY	Electric ivory
251891	CFPSL2IWY	Off-white
251892	CFPSL2WHY	White

## 2-PORT ULTIMATE ID

Anixter No.	Vendor No.	Description
268990	UICFP2EI	Electric ivory
268991	UICFP2IG	International gray
268992	UICFP2IW	Off-white
268993	UICFP2WH	White

## 3-PORT

Anixter No.	Vendor No.	Description
239566	CFPL3EIY	Electric ivory
239568	CFPL3IWY	Off-white

## 4-PORT

Anixter No.	Vendor No.	Description
224361	CFPL4EIY	Electric ivory
222194	CFPL4IWY	Off-white
242529	CFPL4WHY	White

## 4-PORT SLOPED

Icon slots

Anixter No.	Vendor No.	Description
251893	CFPSL4EIY	Electric ivory
251894	CFPSL4IWY	Off-white
251895	CFPSL4WHY	White

## 4-PORT SLOPED HORIZONTAL WITH LABELS

Anixter No.	Vendor No.	Description
243787	CFPHSL4EI	Electric ivory
251888	CFPHSL4IW	Off-white

## 4-PORT ULTIMATE ID

Anixter No.	Vendor No.	Description
268994	UICFP4EI	Electric ivory
268995	UICFP4IG	International gray
268996	UICFP4IW	Off-white
268997	UICFP4WH	White

## 6-PORT

Anixter No.	Vendor No.	Description
232314	CFPL6EIY	Electric ivory
222195	CFPL6IWY	Off-white
230854	CFPL6WHY	White

## 6-PORT ULTIMATE ID

Anixter No.	Vendor No.	Description
283423	UICFP6EI	Electric ivory
268998	UICFP6IG	International gray
268999	UICFP6IW	Off-white

## 6-PORT SLOPED

Anixter No.	Vendor No.	Description
317695	CFPSL6EIY	Electric ivory
267162	PG-5718	Off-white
342484	CFPSL6WHY	White
447263	CFPSL6IGY	International gray

## SINGLE-GANG STAINLESS STEEL WITH LABELS



Anixter No.	Vendor No.	Description
330437	CFPL2SY	2-port
330441	CFPL4SY	4-port
330463	CFPL6SY	6-port

## DOUBLE-GANG STAINLESS STEEL WITH LABELS

Anixter No.	Vendor No.	Description
331371	CFPL4S-2GY	4-port
331372	CFPL8S-2GY	8-port

## 4-PORT TAMPER- AND WATER-RESISTANT

Anixter No.	Vendor No.	Description
244885	CFPTR4EI	Tamper-resistant, electric ivory
256146	UICFPTR4EI	Tamper-resistant, ULTIMATE ID, electric ivory

Anixter No.	Vendor No.	Description
283572	CFPWR4IG	Water-resistant, international gray
287183	CFPWR4CIG	Water-resistant, international gray base, clear cover

The ULTIMATE ID labels can be clearly identified with the PANTHER LS8E or COUGAR LS9 Hand-held Label Printer and Cartridge; see Part No. 348568 or 348455, respectively.

## Icons

## PANDUIT



PANDUIT icons can be used with existing MINI-COM modules and select faceplates for identification of high-performance copper and fiber installations. For ULTIMATE ID faceplates, patch panels and surface-mount boxes, add "UI" to beginning of the PANDUIT icon part number (UICIPIW-C).

## PHONE ICONS - 100 PER PKG.

Anixter No.	Vendor No.	Description
221629	CIPW-C	Off-white
221630	CIEI-C	Electric ivory
221631	CIPG-C	International gray
221632	CIPWH-C	White
221633	CIPBL-C	Black
221634	CIPBU-C	Blue
221635	CIPRD-C	Red
221636	CIPYL-C	Yellow
221637	CIPOR-C	Orange
221638	CIPGR-C	Green
221639	CIPVL-C	Violet

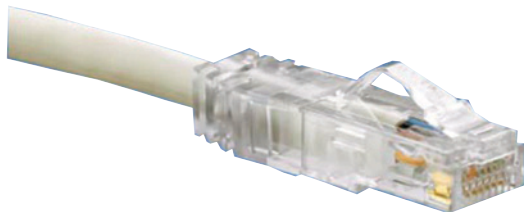
## COMPUTER ICONS - 100 PER PKG.

Anixter No.	Vendor No.	Description
221640	CIDIW-C	Off-white
221641	CIDEI-C	Electric ivory
221642	CIDIG-C	International gray
221643	CIDWH-C	White
221644	CIDBL-C	Black
221645	CIDBU-C	Blue
221646	CIDRD-C	Red
221647	CIDYL-C	Yellow
221648	CIDOR-C	Orange
221649	CIDGR-C	Green
221650	CIDVL-C	Violet

## PANDUIT

## TX6A 10GIG Patch Cords

PANDUIT



The TX6A 10GIG Patch Cords are constructed of TX6A 10GIG 23 AWG, stranded copper cable (nominal cable diameter is 0.280 inches) and enhanced modular plugs for superior performance. The patent-pending matrix tape construction suppresses alien crosstalk and allows 10 Gbps transmission. They are offered in a variety of sizes and colors to meet individual length and color-coding requirements.

## FEATURES

- Each patch cord is 100 percent performance tested
- Provides superior suppression of both PSANEXT and PSAACRF
- Plug meets all applicable FCC Part 68 Subpart F requirements and exceeds IEC 60603-7 specifications
- Slender strain-relief boot provides easy access in high-density applications
- Plug uses an integral pair manager to optimize performance and consistency by reducing untwisting of conductors within the plug
- Plug performance in center of ANSI/TIA component range, ensuring interoperability and 10GBASE-T Ethernet channel performance
- Labels on patch cords provide identification of performance level, length and quality-control number
- Patented tangle-free latch prevents snags and provides easy release, saving time on frequent moves, adds and changes

## Technical Information &amp; Standards

Exceeds requirements of ANSI/TIA-568-C.2 Category 6A, IEEE 802.3an-2006, and ISO 11801 Class E<sub>A</sub> channel standards

Meets requirements of IEEE 802.af and IEEE 802.3at for PoE applications

## 3 FOOT

Anixter No.	Vendor No.	Description
MM03-PA6A-01	UTP6A3	Off-white
MM03-PA6A-05	UTP6A3YL	Yellow
MM03-PA6A-06	UTP6A3BU	Blue

## 5 FOOT

Anixter No.	Vendor No.	Description
MM05-PA6A-01	UTP6A5	Off-white
MM05-PA6A-05	UTP6A5YL	Yellow
MM05-PA6A-06	UTP6A5BU	Blue

## 7 FOOT

Anixter No.	Vendor No.	Description
MM07-PA6A-01	UTP6A7	Off-white
MM07-PA6A-05	UTP6A7YL	Yellow
MM07-PA6A-06	UTP6A7BU	Blue

## 10 FOOT

Anixter No.	Vendor No.	Description
MM10-PA6A-01	UTP6A10	Off-white
MM10-PA6A-05	UTP6A10YL	Yellow
MM10-PA6A-06	UTP6A10BU	Blue

## 15 FOOT

Anixter No.	Vendor No.	Description
MM15-PA6A-01	UTP6A15	Off-white
MM15-PA6A-05	UTP6A15YL	Yellow
MM15-PA6A-06	UTP6A15BU	Blue

Also available in standard lengths three to 20 feet (increments of one foot) and 25, 30, 35, 40 feet and standard colors black (BL), red (RD), green (GR), orange (OR), violet (VL).

## TX6 PLUS UTP Patch Cords

PANDUIT



The TX6 PLUS Patch Cords feature Category 6, 24 AWG, UTP stranded cable and TX6 PLUS modular plugs plated with 50 microinches of gold for superior performance. They are offered in a variety of sizes and colors to meet individual length and color-coding requirements.

## FEATURES

- Each patch cord is 100 percent performance tested
- Plug meets all applicable FCC Part 68 Subpart F requirements and exceeds IEC 60603-7 specifications
- Slender strain-relief boot provides easy access in high-density applications
- Plug uses an integral pair manager to optimize performance and consistency by reducing untwisting of conductors within the plug
- Plug performance in center of ANSI/TIA component range, ensuring interoperability and excellent performance
- Labels on patch cords provide identification of performance level, length and quality control number
- Patented tangle-free latch prevents snags and provides easy release, saving time on frequent moves, adds and changes
- Third-party tested for Category 6 component performance

## Technical Information &amp; Standards

Exceeds ANSI/TIA-568-C.2 Category 6 and ISO 11801 Class E standards. Meets draft requirements of IEEE 802.3at for PoE Plus.

## 3 FOOT

Anixter No.	Vendor No.	Description
MM03-PA7P-01	UTPSP3Y	Off-white
MM03-PA7P-02	UTPSP3BL	Black
MM03-PA7P-03	UTPSP3RD	Red
MM03-PA7P-04	UTPSP3GR	Green
MM03-PA7P-05	UTPSP3YL	Yellow
MM03-PA7P-06	UTPSP3BU	Blue



#### 5 FOOT

Anixter No.	Vendor No.	Description
MM05-PA7P-01	UTPSP5Y	Off-white
MM05-PA7P-02	UTPSP5BLY	Black
MM05-PA7P-03	UTPSP5RDY	Red
MM05-PA7P-04	UTPSP5GRY	Green
MM05-PA7P-05	UTPSP5YLY	Yellow
MM05-PA7P-06	UTPSP5BUY	Blue

#### 7 FOOT

Anixter No.	Vendor No.	Description
MM07-PA7P-01	UTPSP7Y	Off-white
MM07-PA7P-02	UTPSP7BLY	Black
MM07-PA7P-03	UTPSP7RDY	Red
MM07-PA7P-04	UTPSP7GRY	Green
MM07-PA7P-05	UTPSP7YLY	Yellow
MM07-PA7P-06	UTPSP7BUY	Blue

#### 10 FOOT

Anixter No.	Vendor No.	Description
MM10-PA7P-01	UTPSP10Y	Off-white
MM10-PA7P-02	UTPSP10BLY	Black
MM10-PA7P-03	UTPSP10RDY	Red
MM10-PA7P-04	UTPSP10GRY	Green
MM10-PA7P-05	UTPSP10YLY	Yellow
MM10-PA7P-06	UTPSP10BUY	Blue

#### 14 FOOT

Anixter No.	Vendor No.	Description
MM14-PA7P-01	UTPSP14Y	Off-white
MM14-PA7P-02	UTPSP14BLY	Black
MM14-PA7P-03	UTPSP14RDY	Red
MM14-PA7P-04	UTPSP14GRY	Green
MM14-PA7P-05	UTPSP14YLY	Yellow
MM14-PA7P-06	UTPSP14BUY	Blue

#### 20 FOOT

Anixter No.	Vendor No.	Description
MM20-PA7P-01	UTPSP20Y	Off-white
MM20-PA7P-02	UTPSP20BLY	Black
MM20-PA7P-03	UTPSP20RD	Red
MM20-PA7P-04	UTPSP20GRY	Green
MM20-PA7P-05	UTPSP20YLY	Yellow
MM20-PA7P-06	UTPSP20BUY	Blue

Patch cords available in lengths from one to 20 feet (increments of one foot) and 25, 30, 35 and 40 feet. Change the length designation in the part number to desired length. For standard cable colors other than off white, add suffix black (BL), blue (BU), green (GR), red (RD), yellow (YL), orange (OR), violet (VL) or gray (GY). Contact your local sales representative for ordering information.

#### TX5e UTP Patch Cords

PANDUIT



#### FEATURES

- Exceeds ANSI/TIA-568-C.2 Category 5e and ISO 11801 Class D standards
- Patented tangle-free latch prevents snags and provides easy release, saving time on frequent moves, adds and changes
- Meets all applicable FCC Part 68 Subpart F requirements and exceeds IEC 60603-7 specifications
- Constructed of Category 5e, 24 AWG, UTP stranded cable and PAN-PLUG Modular Plugs; plug contacts plated with 50 microinches of gold for superior performance
- Each patch cord is 100 percent performance tested
- Third-party tested to Category 5e component compliance
- Labels on patch cords provide identification of performance level, length and quality control number

#### 3 FOOT

Anixter No.	Vendor No.	Description
MM03-PA6-01	UTPCH3Y	Off-white
MM03-PA6-02	UTPCH3BLY	Black
MM03-PA6-03	UTPCH3RDY	Red
MM03-PA6-04	UTPCH3GRY	Green
MM03-PA6-05	UTPCH3YLY	Yellow
MM03-PA6-06	UTPCH3BUY	Blue

#### 5 FOOT

Anixter No.	Vendor No.	Description
MM05-PA6-01	UTPCH5Y	Off-white
MM05-PA6-02	UTPCH5BLY	Black
MM05-PA6-03	UTPCH5RDY	Red
MM05-PA6-04	UTPCH5GRY	Green
MM05-PA6-05	UTPCH5YLY	Yellow
MM05-PA6-06	UTPCH5BUY	Blue

#### 7 FOOT

Anixter No.	Vendor No.	Description
MM07-PA6-01	UTPCH7Y	Off-white
MM07-PA6-02	UTPCH7BLY	Black
MM07-PA6-03	UTPCH7RDY	Red
MM07-PA6-04	UTPCH7GRY	Green
MM07-PA6-05	UTPCH7YLY	Yellow
MM07-PA6-06	UTPCH7BUY	Blue

Continued on next page >>

## PANDUIT

*(continued)* TX5e UTP Patch Cords

## 10 FOOT

Anixter No.	Vendor No.	Description
MM10-PA6-01	UTPCH10Y	Off-white
MM10-PA6-02	UTPCH10BLY	Black
MM10-PA6-03	UTPCH10RDY	Red
MM10-PA6-04	UTPCH10GRY	Green
MM10-PA6-05	UTPCH10YLY	Yellow
MM10-PA6-06	UTPCH10BUY	Blue

## 14 FOOT

Anixter No.	Vendor No.	Description
MM14-PA6-01	UTPCH14Y	Off-white
MM14-PA6-02	UTPCH14BLY	Black
MM14-PA6-03	UTPCH14RDY	Red
MM14-PA6-04	UTPCH14GRY	Green
MM14-PA6-05	UTPCH14YLY	Yellow
MM14-PA6-06	UTPCH14BUY	Blue

## 20 FOOT

Anixter No.	Vendor No.	Description
MM20-PA6-01	UTPCH20Y	Off-white
MM20-PA6-06	UTPCH20BUY	Blue

Patch cords available in lengths from one to 20 feet (increments of one foot) and 25, 30, 35, and 40 feet. Change the length designation in the part number to desired length. For standard cable colors other than off white, add suffix black (BL), blue (BU), green (GR), red (RD), yellow (YL), orange (OR), violet (VL) or gray (GY). Contact your local sales representative for ordering information.

## LANmark-10G2 Cables - Augmented Category 6

BERK-TEK



LANmark-10G2 UTP cable is the next-generation cable for high-speed data and multimedia applications, specifically designed to support the demanding needs of 10GBASE-T networks. The unique, patent-pending design effectively reduces the damaging effects of alien crosstalk. Available usable bandwidth to 500 MHz allows for convergence of analog video, LAN, voice, etc., onto one cable simultaneously. Supports IEEE 802.3 10GBASE-T, 1000BASE-TX, 1000BASE-T, 100BASE-TX, ATM 155 Mbps, ANSI X3.263 100 Mbps.

## SPECIFICATIONS

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.320, CMP 0.300
4. Approx. weight (lb./MF): CMR 46 CMP 43
5. CMR - PE insulation, CMP - FEP insulation
6. CMR and CMP - polymer alloy jacket

## Technical Information &amp; Standards

Augmented Category 6

## PLENUM

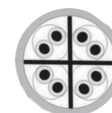
Anixter No.	Vendor No.	Description
<a href="#">CMP-00424BKT-10G-01</a>	10137384	White
<a href="#">CMP-00424BKT-10G-06</a>	10130484	Blue
<a href="#">CMP-00424BKT-10G-09</a>	10137183	Gray

## NONPLENUM

Anixter No.	Vendor No.	Description
<a href="#">CM-00424BKT-10G-01</a>	10137703	White
<a href="#">CM-00424BKT-10G-06</a>	10137700	Blue
<a href="#">CM-00424BKT-10G-09</a>	10137701	Gray

## LANmark-2000 Cables - Category 6

BERK-TEK



LANmark-2000 UTP, one of the highest-performing Enhanced Category 6 cables, is intended for high-speed data and multimedia applications. LANmark-2000 is also ideal for remotely powering devices such as wireless access points, cameras and VoIP phones using Power over Ethernet (PoE). Available usable bandwidth to 600 MHz allows for convergence of analog video, LAN, voice, etc., onto one cable simultaneously. Supports IEEE 802.3 1000BASE-T, 100BASE-TX, 100BASE-VG, 10BASE-T, ATM 155 Mbps, ANSI X3.263 100 Mbps.

## SPECIFICATIONS

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Conductors are twisted into varying lengths of lay to minimize crosstalk
4. Nominal O.D. (in.): CMR 0.231 and CMP 0.220
5. Approx. weight (lb./MF): CMR 30, CMP 30
6. CMR - PE insulation, CMP - FEP insulation
7. CMR and CMP - FRPVC jacket

## Technical Information &amp; Standards

ANSI/TIA Category 6-compliant

ISO/IEC 11801-1995

EN 50173

CMR - nonplenum, CMP - plenum

## PLENUM

NOTE: Add "RB" after the -7 for a Reel-in-a-Box (e.g. CMP-00424BKT-7RB-01)

Anixter No.	Vendor No.	Description
<a href="#">CMP-00424BKT-7-01</a>	10167311	White
<a href="#">CMP-00424BKT-7-04</a>	10170668	Green
<a href="#">CMP-00424BKT-7-05</a>	10167308	Yellow
<a href="#">CMP-00424BKT-7-06</a>	10163222	Blue
<a href="#">CMP-00424BKT-7-09</a>	10167464	Gray

## NONPLENUM

NOTE: Add "RB" after the -7 for a Reel-in-a-Box (e.g. CMR-00424BKT-7RB-01)

Anixter No.	Vendor No.	Description
<a href="#">CMR-00424BKT-7-01</a>	10167480	White
<a href="#">CMR-00424BKT-7-04</a>	10170687	Green
<a href="#">CMR-00424BKT-7-05</a>	10167482	Yellow
<a href="#">CMR-00424BKT-7-06</a>	10167476	Blue
<a href="#">CMR-00424BKT-7-08</a>	10170689	Orange

## Berk-Tek

## LANmark-1000 Cables - Category 6

BERK-TEK



LANmark-1000 communications cables are designed to support Gigabit high-end communications network applications and provide headroom over the Category 6 standard. They are ideal for existing applications such as 10/100 Mbps Ethernet and for high-speed applications such as Gigabit Ethernet.

LANmark-1000 cables will support full-duplex and half-duplex operation, digital video and broadband and baseband analog video. Supports IEEE 802.3 1000BASE-T, 1000BASE-TX, 10BASE-T, ATM 155 Mbps.

**SPECIFICATIONS**

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.228 and CMP 0.226
4. Approx. weight (lb./MF): CMR 25, CMP 29
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. CMR - PE insulation, CMP - FEP insulation
7. CMR and CMP - FRPVC jacket

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

ISO/IEC 11801

CMR - nonplenum, CMP - plenum

**PLENUM**

NOTE: Drop "U" after -7 for reel part numbers (e.g. CMP-00424LAN-7-01)

Anixter No.	Vendor No.	Description
<a href="#">CMP-00424LAN-7U-01</a>	10032092	White
<a href="#">CMP-00424LAN-7U-03</a>	10033996	Red
<a href="#">CMP-00424LAN-7U-04</a>	10032097	Green
<a href="#">CMP-00424LAN-7U-05</a>	10032090	Yellow
<a href="#">CMP-00424LAN-7U-06</a>	10032094	Blue
<a href="#">CMP-00424LAN-7U-08</a>	10033997	Orange
<a href="#">CMP-00424LAN-7U-09</a>	10032026	Gray

**NONPLENUM**

NOTE: Drop "U" after -7 for reel part numbers (e.g. CM-00424LAN-7-01)

Anixter No.	Vendor No.	Description
<a href="#">CM-00424LAN-7U-01</a>	10032459	White
<a href="#">CM-00424LAN-7U-03</a>	10032477	Red
<a href="#">CM-00424LAN-7U-04</a>	10032479	Green
<a href="#">CM-00424LAN-7U-05</a>	10032461	Yellow
<a href="#">CM-00424LAN-7U-06</a>	10032455	Blue
<a href="#">CM-00424LAN-7U-08</a>	10042077	Orange
<a href="#">CM-00424LAN-7U-09</a>	10032452	Gray

## LANmark-6 Cables - Category 6

BERK-TEK



LANmark-6 communications cables are ANSI/TIA Category 6-compliant and are designed to support Gigabit communications network applications. They provide a cost-effective solution for existing applications such as 10/100 Mbps Ethernet and for high-speed applications such as Gigabit Ethernet. LANmark-6 cables will support full-duplex and half-duplex operation, digital video and broadband and baseband analog video. Supports IEEE 802.3 1000BASE-T, 1000BASE-TX, 10BASE-T, ATM 155 Mbps.

**SPECIFICATIONS**

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.195, CMP 0.224
4. Approx. weight (lb./MF): CMR 23 and CMP 29
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. CMR - PE insulation, CMP - FEP insulation
7. CMR and CMP - FRPVC jacket

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

ISO/IEC 11801

CMR - nonplenum, CMP - plenum

**PLENUM**

NOTE: Drop "U" after -6 for reel part numbers (e.g. CMP-00423BKT-6-01).

Anixter No.	Vendor No.	Description
<a href="#">CMP-00423BKT-6U-01</a>	10136230	White
<a href="#">CMP-00423BKT-6U-05</a>	10136749	Yellow
<a href="#">CMP-00423BKT-6U-06</a>	10136226	Blue
<a href="#">CMP-00423BKT-6U-09</a>	10132983	Gray
<a href="#">CMP-00423BKT-6U-02</a>	10188830	Black
<a href="#">CMP-00423BKT-6U-03</a>	10137365	Red

**NONPLENUM**

NOTE: Drop "U" after -6 for reel part numbers (e.g. CMR-00423BKT-6-01).

Anixter No.	Vendor No.	Description
<a href="#">CMR-00423BKT-6U-01</a>	10136340	White
<a href="#">CMR-00423BKT-6U-05</a>	10136753	Yellow
<a href="#">CMR-00423BKT-6U-06</a>	10136339	Blue
<a href="#">CMR-00423BKT-6U-09</a>	10136338	Gray

## LANmark-1000 Bulk Patch Cable - Category 6

BERK-TEK



Intended for high-speed local area networks (LANs), specifically cross-connections to the horizontal cabling system for data and voice applications.

**SPECIFICATIONS**

1. 24 AWG, 4-pair
2. Stranded tinned-copper conductors
3. Nominal O.D. (in.): 0.224
4. Approx. weight: 25 lb./MF
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. PE insulation
7. PVC jacket

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

UL 1581, CM, CMG, IEC 332-1

Anixter No.	Vendor No.	Description
9D2404CLR7-01	10032679	White
9D2404CLR7-02	10032692	Black
9D2404CLR7-03	10032690	Red
9D2404CLR7-04	10032693	Green
9D2404CLR7-05	10032681	Yellow
9D2404CLR7-06	10032680	Blue
9D2404CLR7-09	10032678	Gray

## LANmark-350 Cables - Category 5e

BERK-TEK



The LANmark-350 cable series is the premium Category 5e UTP cable specified and tested to 450 MHz. These cables are ideal for supporting IEEE 802.3 1000BASE-T, 100BASE-TX, 10BASE-T, ATM 155 Mbps, ANSI X3.263 100 Mbps.

**SPECIFICATIONS**

1. 24 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.187, CMP 0.165
4. Approx. weight (lb./MF): CMR 20, CMP 21
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. CMR - PE insulation, CMP - FEP insulation
7. CMR and CMP - FRPVC jacket

**Technical Information & Standards**

ANSI/TIA Category 5e-compliant

ISO/IEC - 11801

CMR - nonplenum, CMP - plenum

**PLENUM**

NOTE: Drop "U" after -6 for reel part numbers (e.g., CMP-00424LAN-6-01).

Anixter No.	Vendor No.	Description
CMP-00424LAN-6U-01	10032072	White
CMP-00424LAN-6U-02	10034514	Black
CMP-00424LAN-6U-03	10032076	Red
CMP-00424LAN-6U-04	10032086	Green
CMP-00424LAN-6U-05	10032060	Yellow
CMP-00424LAN-6U-06	10032065	Blue
CMP-00424LAN-6U-07	10032101	Brown
CMP-00424LAN-6U-08	10032082	Orange
CMP-00424LAN-6U-09	10032079	Gray
CMP-00424LAN-6U-10	10032088	Violet
CMP-00424LAN-6U-12	10032069	Pink

**NONPLENUM**

NOTE: Drop "U" after -6 for reel part numbers (e.g., CM-00424LAN-6-01).

Anixter No.	Vendor No.	Description
CM-00424LAN-6U-01	10032434	White
CM-00424LAN-6U-02	10032480	Black
CM-00424LAN-6U-03	10032491	Red
CM-00424LAN-6U-04	10032428	Green
CM-00424LAN-6U-05	10032419	Yellow
CM-00424LAN-6U-06	10032426	Blue
CM-00424LAN-6U-09	10032447	Gray
CM-00424LAN-6U-10	10032440	Violet

## Berk-Tek

## LANmark-350 Bulk Patch Cables - Category 5e

BERK-TEK



Intended for high-speed local area networks (LANs), specifically cross-connections to the horizontal cabling system for data and voice applications.

**SPECIFICATIONS**

1. 24 AWG, 4-pair
2. Stranded (7x32) tinned-copper conductors
3. Nominal O.D. (in.): 0.215
4. Approximate weight: 23 lb./MF
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. PE insulation
7. PVC jacket

**Technical Information & Standards**

ANSI/TIA Category 5e-compliant  
UL 1581 CM, CMG

Anixter No.	Vendor No.	Description
9D2404CLR6-01	10032643	White
9D2404CLR6-02	10032641	Black
9D2404CLR6-03	10032645	Red
9D2404CLR6-04	10032647	Green
9D2404CLR6-05	10032637	Yellow
9D2404CLR6-06	10032639	Blue
9D2404CLR6-08	10032658	Orange
9D2404CLR6-09	10032649	Gray
9D2404CLR6-10	10032659	Violet
9D2404CLR6-12	10032621	Pink

## HYPER Plus 5e Cables - Category 5e

BERK-TEK



Berk-Tek's HYPER Plus 5e UTP, 4-pair, Category 5e cable is the cost-effective choice for horizontal high-speed LANs, meeting industry-standard Category 5e data rates. Supports IEEE 802.3 1000BASE-T, 100BASE-TX, 10BASE-T, ATM 155 Mbps, ANSI X3.263 100 Mbps.

**SPECIFICATIONS**

1. 24 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): CMR 0.187, CMP 0.202
4. Approx. weight (lb./MF): CMR 20, CMP 22
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. CMR - PE insulation, CMP - FEP insulation
7. CMR and CMP - FRPVC jacket

**Technical Information & Standards**

ANSI/TIA Category 5e-compliant  
CMR - nonplenum, CMP - plenum

**PLENUM**

NOTE: Drop "U" after -5 for reel part numbers (e.g., CMP-00424BKTE-5-01).

Anixter No.	Vendor No.	Description
CMP-00424BKTE-5U-01	10032223	White
CMP-00424BKTE-5U-02	10033521	Black
CMP-00424BKTE-5U-03	10032229	Red
CMP-00424BKTE-5U-04	10032232	Green
CMP-00424BKTE-5U-05	10032235	Yellow
CMP-00424BKTE-5U-06	10032227	Blue
CMP-00424BKTE-5U-08	10032236	Orange
CMP-00424BKTE-5U-09	10032207	Gray
CMP-00424BKTE-5U-10	10034885	Violet

**NONPLENUM**

NOTE: Drop "U" after -5 for reel part numbers (e.g., CM-00424BKTE-5-01).

Anixter No.	Vendor No.	Description
CM-00424BKTE-5U-01	10032535	White
CM-00424BKTE-5U-02	10032536	Black
CM-00424BKTE-5U-03	10033584	Red
CM-00424BKTE-5U-04	10032539	Green
CM-00424BKTE-5U-05	10032531	Yellow
CM-00424BKTE-5U-06	10032528	Blue
CM-00424BKTE-5U-08	10033808	Orange
CM-00424BKTE-5U-09	10032510	Gray
CM-00424BKTE-5U-10	10044832	Violet



## LANmark-6 Outside Plant Category 6

BERK-TEK



LANmark-6 OSP (outside plant) Standard Category 6 UTP cables are designed for outside applications, either aerial or buried in conduit or duct, where building-to-building interconnections must be made. LANmark-6 OSP communications cables are ANSI/TIA Category 6-compliant and are designed to support Gigabit communications network applications. They provide a cost-effective solution for existing applications such as 10/100 Mbps Ethernet and for high-speed applications such as Gigabit Ethernet. LANmark-6 cables will support full-duplex and half-duplex operation, digital video and broadband and baseband analog video. Supports IEEE 802.3 1000BASE-T, 1000BASE-TX, 10BASE-T, ATM 155 Mbps.

**SPECIFICATIONS**

1. 23 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.): 0.250
4. Approx. weight (lb./MF): 28
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. Water-resistant flooding compound surrounds twisted pairs
7. Non-flame rated UV-resistant polyethylene jacket

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

Anixter No.	Vendor No.	Description
CM-00424BKT-6-0D	10139885	Black

## HYPER Plus 5e Cables - Outside Plant - Category 5e

BERK-TEK



Berk-Tek's HYPER Plus 5e OSP (outside plant) Standard Category 5e UTP cables are designed for outside applications, either aerial or buried in conduit or duct, where building-to-building interconnections must be made. HYPER Plus 5e UTP, 4-pair, Category 5e cable is the cost-effective choice for horizontal high-speed LANs, meeting industry-standard Category 5e data rates. Supports IEEE 802.3 1000BASE-T, 100BASE-TX, 10BASE-T, ATM 155 Mbps, ANSI X3.263 100 Mbps.

**SPECIFICATIONS**

1. 24 AWG, 4-pair
2. Solid bare copper conductors
3. Nominal O.D. (in.) 0.207
4. Approx. weight (lb./MF): 20

5. Water-resistant flooding compound surrounds twisted pairs
6. Non-flame rated UV-resistant polyethylene jacket

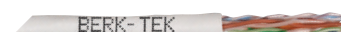
**Technical Information & Standards**

ANSI/TIA Category 5e-compliant

Anixter No.	Vendor No.	Description
CM-00424BKT-5E-0D	10071496	Black

## Bulk Patch Cables - Category 5e

BERK-TEK



Intended for high-speed local area network (LAN) applications through Category 5e data rates, specifically cross-connections to the horizontal cabling system for data and voice applications.

**SPECIFICATIONS**

1. 24 AWG, 4-pair
2. Stranded (7x32) tinned-copper conductors
3. Nominal O.D. (in.): 0.215
4. Approx. weight (lb./MF): 23
5. Conductors are twisted into varying lengths of lay to minimize crosstalk
6. PE insulation
7. PVC jacket

**Technical Information & Standards**

ANSI/TIA Category 5e-compliant

ISO/IEC - 11801

CM, PCC FT4

Anixter No.	Vendor No.	Description
9D2404BKTE5-01	10032716	White
9D2404BKTE5-02	10032705	Black
9D2404BKTE5-03	10032707	Red
9D2404BKTE5-04	10032709	Green
9D2404BKTE5-05	10032711	Yellow
9D2404BKTE5-06	10032713	Blue
9D2404BKTE5-08	10034057	Orange
9D2404BKTE5-09	10032718	Gray
9D2404BKTE5-10	10032715	Violet
9D2404BKTE5-12	10033590	Pink

## Berk-Tek

## Premises Cables - Category 3

BERK-TEK



Intended for voice and data applications up to 16 MHz including: Token Ring, Ethernet, 10BASE-T, 100BASE-VG AnyLAN.

**SPECIFICATIONS**

1. 24 AWG solid, bare copper conductors
2. PVC bandmarked insulation
3. Twisted-pair construction
4. O.D. (in.): CMR 0.187, CMP 0.180
5. Approx. weight (lb./MF): CMR 19, CMP 19
6. CMR - PE insulation, CMP - PVC insulation

7. CMR - PVC jacket, CMP - FRPVC jacket

**Technical Information & Standards**

NEC CMR (nonplenum) CMP (plenum)

ANSI/TIA-568-B2 Category 3-compliant

**PLENUM**

NOTE: Drop "U" after -3 for reel part numbers (e.g. CMP-00424SAP-3-01).

Anixter No.	Vendor No.	Description
<b>CMP-00424SAP-3U-01</b>	10032047	White
<b>CMP-00424SAP-3U-06</b>	10032031	Blue
<b>CMP-00424SAP-3U-09</b>	10032040	Gray

**NONPLENUM**

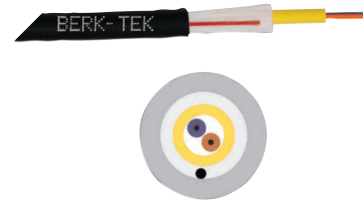
NOTE: Drop "U" after -3 for reel part numbers (e.g. CM-00424BAG-3BT).

Anixter No.	Vendor No.	Description
<b>CM-00424BAG-3UBT</b>	10032402	Gray
<b>CM-00424CAG-3BTU-01</b>	10034564	White

## Adventum Tight Buffer Fiber Optic Cables

BERK-TEK

Berk-Tek's Adventum tight buffer fiber optic cable is designed specifically for FTTH, MDU and MTU deployments. This unique cable design is also ideal for security camera applications. Users of this cable benefit from its high tensile strength, reduced cable diameter, excellent flexibility and simple-to-access buffer tube and fibers. The tight-buffer fibers enable direct termination without the use of fan-out kits.

**FEATURES**

- Plenum or riser ratings enable installations to go directly from outside plant through riser shafts with no transition point requirement
- High tensile strength, crush resistant and small diameter design enable long pulls in non-dedicated conduits
- Tight-buffered fibers are ready for direct termination; no fan-out kits are needed
- All dielectric design or with optional interlocking armor
- Fully water-blocked core using a dry water-blocking system
- Available with bend-insensitive single-mode fibers

**Technical Information & Standards**

ISO/IEC 11801

EN 50173

ANSI/TIA/EIA-568-B3

Telcordia GR-409

ANSI/ICEA S-87-640

ANSI/ICEA S-83-596

ANSI/ICEA S-104-696

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					{lb.}	N	{lb.}	N	(in.)	(cm)	(in.)	(cm)
<b>370-BKT8.3-TBD-02</b>	ATP002AB0707	2	0.24	6.1	300	1335	90	400	3.6	9.1	2.4	6.1
<b>370-BKT625-TBD-02</b>	ATP002EB3010/25	2	0.24	6.1	300	1335	90	400	3.6	9.1	2.4	6.1
<b>371-BKT8.3-TBD-02</b>	ATR002AB0707	2	0.24	6.1	300	1335	90	400	3.6	9.1	2.4	6.1
<b>371-BKT625-TBD-02</b>	ATR002EB3010/25	2	0.24	6.1	300	1335	90	400	3.6	9.1	2.4	6.1

## Composite Copper/Fiber Cable

## BERK-TEK

The composite copper/fiber cable incorporates high-bandwidth optical fibers (up to 12 tight-buffered or 24 loose-tube) with up to seven insulated stranded THWN (Thermoplastic Heat and Water Resistant, Nylon coated) or TFFN (Thermoplastic Flexible Fixture Wire, Nylon coated) conductors ranging from 12 to 18 AWG. Listed as CL3R-OF/PLTC-OF, these cables extend the distance of PoE devices significantly beyond the 100-meter limitations of Category 5e or 6 twisted-pair cables, making it ideal for IP cameras, wireless access points or other BAS applications.



## FEATURES

- Multimode, single-mode, and GIGAlite fibers
- CL3R-OF, wet and dry rated
- Enables PoE+ equipment to be located more than 100 meters from the switch
- Cost savings versus installation of a new electrical outlet
- Broad design selection allows for mix and match of copper and fiber components for specific networking applications
- Armor option adds crush resistance and protection from rodent attacks

## Technical Information &amp; Standards

ISO/IEC 11801

EN 50173

ANSI/TIA/EIA-568-B

Telcordia GR-409

ANSI/ICEA S-104-696

## 2 FIBERS - TIGHT BUFFER

## Anixter No.

373-BKTOM1-TBHY18-02

373-BKTOS1-TBHY18-02

373-BKTOM1-TBHYB-02

373-BKTOS1-TBHYB-02

## Vendor No.

HDRC002CB3510/25-002X18AWG

HDRC002AB0707-002X18AWG

HDRC002CB3510/25-002X12AWG

HDRC002AB0707-002X12AWG

## Cable O.D.

(in.) (mm)

0.30 7.6

0.30 7.6

0.36 9.1

0.36 9.1

Min. Bend Radius  
Installation

(cm)

11.4

11.4

13.7

13.7

## Long Term

(in.)

3.0

3.0

3.6

3.6

## 12 FIBERS - LOOSE TUBE

## Anixter No.

373-BKTOM1-LTHY18-12

373-BKTOM1-LTHYB-12

373-BKTOS1-LTHY18-12

373-BKTOS1-LTHYB-12

## Vendor No.

LTRC06B012CB3510/25-002X18AWG

LTRC012CB3510/25-002X12AWG

LTRC06B012AB0707-002X18AWG

LTRC012AB0707-002X12AWG

## Cable O.D.

(in.) (mm)

0.32 8.1

0.37 9.4

0.32 8.1

0.37 9.4

Min. Bend Radius  
Installation

(in.) (cm)

4.8 12.1

5.6 14.1

4.8 12.1

5.6 14.1

## Long Term

(cm)

8.1

9.4

8.1

9.4

# Ortronics TechChoice

## TechChoice Patch Panels - Category 6

ORTRONICS



Category 6 TechChoice patch panels are available in high-density 24- and 48-port traditional multiport panel format with 6-port modules.

### Technical Information & Standards

ANSI/TIA Category 6-compliant

Universal wiring supports T568A and B formats

#### PANELS

Anixter No.	Vendor No.	Description
312046	SP6U24	24-ports, 1U
312047	SP6U48	48-ports, 2U

#### ANGLED PANELS



Anixter No.	Vendor No.	Description
421444	SPA6U24	24-port, angled, 1U
421446	SPA6U48	48-port, angled, 2U

## TechChoice Patch Panels - Category 5e

ORTRONICS



Category 5e TechChoice patch panels are available in high-density 24- and 48-port traditional multiport panel format with 6-port modules.

### Technical Information & Standards

ANSI/TIA Category 5e-compliant

Universal wiring supports T568A and B formats

#### PATCH PANELS

Anixter No.	Vendor No.	Description
312065	SP5EU24	24-port, 1U
312066	SP5EU48	48-port, 2U

#### ANGLED PANELS



Anixter No.	Vendor No.	Description
421510	SPA5EU24	24-port, angled, 1U
421511	SPA5EU48	48-port, angled, 2U

## TechChoice Patch Panel Kit

ORTRONICS



TechChoice patch panel kits are available in 24 and 48 ports to support the mixing and matching of media-type applications. Cat 6, Cat 5e and multimedia (sold separately).

Anixter No.	Vendor No.	Description
360199	SPKSU24	24-port, 1U
365955	SPKSU48	48-port, 2U
423672	SPAKSU24	24-port, angled, 1U
390689	SPAKSU48	48-port, angled, 2U

## Ortronics TechChoice

## TechChoice Keystone Jacks - Category 6

ORTRONICS



TechChoice keystone jacks feature an easy-to-follow universal wiring label and support standard termination using a 110-impact tool. The keystone footprint allows for the greatest flexibility in installation scheduling because its rear insertion into the faceplate allows the technician to complete the termination before, during and after the construction process. TechChoice products are third-party component tested to meet Category 6 component specifications for ANSI/TIA-568-B.2 and ISO 11801-2002.

**FEATURES**

- Category 6, RJ45, 8-position
- T568A/B universally wired
- Flush fit, 180-degree exit

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

## PACKS OF 25

Anixter No.	Vendor No.	Description
312036	KS6	Fog white
312040	KS6-00	Black
312037	KS6-13	Elec. ivory
312042	KS6-36	Blue
312041	KS6-42	Red
312043	KS6-43	Orange
365926	KS6-44	Yellow
312045	KS6-45	Green
312044	KS6-78	Wiremold gray
324739	KS6-88	White
312039	KS6-99	Wiremold ivory

## INDIVIDUALS

Anixter No.	Vendor No.	Description
360175	KS6A	Fog white
360178	KS6A-00	Black
360176	KS6A-13	Elec. ivory
346018	KS6A-36	Blue
360179	KS6A-42	Red
360180	KS6A-43	Orange
360181	KS6A-44	Yellow
360182	KS6A-45	Green
360183	KS6A-78	Wiremold gray
360177	KS6A-88	White
365927	KS6A-99	Wiremold ivory

## TechChoice Keystone Jacks - Category 5e

ORTRONICS



TechChoice keystone jacks feature an easy-to-follow universal wiring label and support standard termination using a 110-impact tool. The keystone footprint allows for the greatest flexibility in installation scheduling because its rear insertion into the faceplate allows the technician to complete the termination before, during and after the construction process.

TechChoice products are third-party component tested to meet Category 5e component specifications for ANSI/TIA-568-B.2 and ISO 11801-2002.

**FEATURES**

- Category 5e, RJ45, 8-position
- T568A/B universally wired
- Flush fit, 180-degree exit

**Technical Information & Standards**

ANSI/TIA Category 5e-compliant

## PACKS OF 25

Anixter No.	Vendor No.	Description
312055	KS5E	Fog white
312059	KS5E-00	Black
312056	KS5E-13	Elec. ivory
312061	KS5E-36	Blue
312060	KS5E-42	Red
312062	KS5E-43	Orange
365956	KS5E-44	Yellow
312064	KS5E-45	Green
312063	KS5E-78	Wiremold gray
324736	KS5E-88	White
312058	KS5E-99	Wiremold ivory

## INDIVIDUALS

Anixter No.	Vendor No.	Description
360184	KS5EA	Fog white
360191	KS5EA-00	Black
360185	KS5EA-13	Elec. ivory
360192	KS5EA-36	Blue
360193	KS5EA-42	Red
360194	KS5EA-43	Orange
360195	KS5EA-44	Yellow
360196	KS5EA-45	Green
360197	KS5EA-78	Wiremold gray
360190	KS5EA-88	White
365952	KS5EA-99	Wiremold ivory

# Ortronics TechChoice

## TechChoice Keystone A/V Connectivity

### ORTRONICS

The Legrand/Ortronics range of audio, video, and data connectivity options offers you the flexibility, modularity, and application density needed to support a wide variety of A/V equipment. Ortronics modules are available in Series II, TracJack, and TechChoice (keystone) footprints. We also offer a wide selection of connector termination styles and module colors.

The TechChoice Keystone footprint is a rear-loading style module that comes in a variety of A/V connector types as well as Category 5e and 6 data connectivity. It's ideal for creating a quality solution for A/V and data connectivity. The keystone footprint can also be used with Series II through the use of an adapter bezel.

Compatible with Legrand/Wiremold products, Ortronics connectivity can be integrated into a full line of poke-thru devices, work surface portals, floor boxes, raceway systems and architectural columns for seamless A/V integration on the wall, work surface, conference table, in-floor, or vertically in open spaces.

### F-CONNECTOR



Anixter No.	Vendor No.	Description
312122	KSFCN	F-connector 75 ohm, female to female, fog white
360204	KSFCN-13	F-connector 75 ohm, female to female, electrical ivory
360206	KSFCN-88	F-connector 75 ohm, female to female, white
312123	KSFCN-99	F-connector 75 ohm, female to female, Wiremold ivory
447800	KSFCNR	F-connector 75 ohm, recessed, female to female, fog white
447801	KSFCNR-13	F-connector 75 ohm, recessed, female to female, electrical ivory
447802	KSFCNR-88	F-connector 75 ohm, recessed, female to female, white
447804	KSFCNR-99	F-connector 75 ohm, recessed, female to female, Wiremold ivory

### BNC CONNECTOR



Anixter No.	Vendor No.	Description
312124	KSBNC	BNC 50 ohm, female to female, fog white
312125	KSBNC-99	BNC 50 ohm, female to female, Wiremold ivory
425056	KSBNC75	BNC 75 ohm, female to female, fog white
447808	KSBNC75-88	BNC 75 ohm, female to female, white

### RCA CONNECTOR



Anixter No.	Vendor No.	Description
312128	KSRCAR	RCA red female to 110 termination, fog white
312129	KSRCAR-99	RCA red female to 110 termination, Wiremold ivory
312126	KSRCAB	RCA black female to 110 termination, fog white
312127	KSRCAB-99	RCA black female to 110 termination, Wiremold ivory
312130	KSRCAY	RCA yellow female to 110 termination, fog white
312131	KSRCAY-99	RCA yellow female to 110 termination, Wiremold ivory
397323	KSRCAG	RCA green female to 110 termination, fog white
397324	KSRCAG-13	RCA green female to 110 termination, electrical ivory
397325	KSRCAG-88	RCA green female to 110 termination, white



## Ortronics TechChoice

Anixter No.	Vendor No.	Description
397327	KSRCAG-99	RCA green female to 110 termination, Wiremold ivory
397329	KSRCABL	RCA blue female to 110 termination, fog white
397330	KSRCABL-13	RCA blue female to 110 termination, electrical ivory
397331	KSRCABL-88	RCA blue female to 110 termination, white
397332	KSRCABL-99	RCA blue female to 110 termination, Wiremold ivory
397333	KSRCAW	RCA white female to 110 termination, fog white
397334	KSRCAW-13	RCA white female to 110 termination, electrical ivory
397336	KSRCAW-88	RCA white female to 110 termination, white
397337	KSRCAW-99	RCA white female to 110 termination, Wiremold ivory

## BINDING POSTS



Anixter No.	Vendor No.	Description
312132	KSBP	Binding posts, pair of speaker terminals (one red, one black)
312133	KSBP-99	Binding posts, pair of speaker terminals (one red, one black), Wiremold ivory

## S-VIDEO



Anixter No.	Vendor No.	Description
312135	KSSV	S-Video female to 110, fog white
312136	KSSV-99	S-Video female to 110, Wiremold ivory
425057	KSSVIDC	S-Video, female to female, fog white
447809	KSSVIDC-88	S-Video, female to female, white

## 3.5 MM AUDIO JACK



Anixter No.	Vendor No.	Description
397347	KS35ST	3.5 mm, stereo jack, female to female, fog white
397348	KS35ST-13	3.5 mm, stereo jack, female to female, electrical ivory
397349	KS35ST-88	3.5 mm, stereo jack, female to female, white
397350	KS35ST-99	3.5 mm, stereo jack, female to female, Wiremold ivory
425058	KS35STST	3.5 mm, stereo jack, female to screw termination, fog white
447810	KS35STST-88	3.5 mm, stereo jack, female to screw termination, white

Continued on next page &gt;&gt;

## Infrastructure

## Ortronics TechChoice

(continued) TechChoice Keystone A/V Connectivity

## HDMI MODULES



Anixter No.	Vendor No.	Description
425074	KSHDMI	HDMI, female to female, 19-pin

## USB MODULES



Anixter No.	Vendor No.	Description
425078	KSUSBAA	USB 2.0 A-A, female to female, fog white
425080	KSUSBAB	USB 2.0 A-B, female to female, fog white

## ADAPTER BEZEL FOR SERIES II

Anixter No.	Vendor No.	Description
397359	KSS2210	Series II bezel, 2-port, keystone opening, 1 unit, 10 pack

## BLANK MODULES

Anixter No.	Vendor No.	Description
312137	KSB10	Blank, package of 10
312138	KSB10-99	Blank, package of 10, Wiremold ivory
312139	KSB10-13	Blank, package of 10, electrical ivory
360207	KSB10-88	Blank, package of 10, white

## TechChoice Faceplates

## ORTRONICS



TechChoice faceplates are available in high-impact 94V-0-rated thermoplastic and stainless steel, with a variety of port capacities to match your workstation applications. All faceplates allow for flush jack finish and have a window designation area.

## SINGLE-GANG PLASTIC

Anixter No.	Vendor No.	Description
312297	KSFP1	Holds one keystone, fog white
312298	KSFP2	Holds two keystones, fog white
312299	KSFP3	Holds three keystones, fog white
312300	KSFP4	Holds four keystones, fog white
312301	KSFP6	Holds six keystones, fog white
360208	KSFP1-13	Holds one keystone, electrical ivory
360209	KSFP2-13	Holds two keystones, electrical ivory
360210	KSFP3-13	Holds three keystones, electrical ivory
360211	KSFP4-13	Holds four keystones, electrical ivory
373862	KSFP6-13	Holds six keystones, electrical ivory
360212	KSFP1-88	Holds one keystone, white
360213	KSFP2-88	Holds two keystones, white
360214	KSFP3-88	Holds three keystones, white
360215	KSFP4-88	Holds four keystones, white
373860	KSFP6-88	Holds six keystones, white
373864	KSFP1-99	Holds one keystone, Wiremold ivory
373865	KSFP2-99	Holds two keystones, Wiremold ivory
373866	KSFP3-99	Holds three keystones, Wiremold ivory
373867	KSFP4-99	Holds four keystones, Wiremold ivory
373868	KSFP6-99	Holds six keystones, Wiremold ivory

## Ortronics TechChoice

## DUAL-GANG PLASTIC

Anixter No.	Vendor No.	Description
<b>312302</b>	KSFP8	Holds eight keystones, fog white
<b>312304</b>	KSFP12	Holds 12 keystones, fog white
<b>373869</b>	KSFP8-13	Holds eight keystones, electrical ivory
<b>373870</b>	KSFP12-13	Holds 12 keystones, electrical ivory
<b>373873</b>	KSFP8-88	Holds eight keystones, white
<b>373875</b>	KSFP12-88	Holds 12 keystones, white
<b>373877</b>	KSFP8-99	Holds eight keystones, Wiremold ivory
<b>373878</b>	KSFP12-99	Holds 12 keystones, Wiremold ivory

## SINGLE-GANG STAINLESS STEEL

Anixter No.	Vendor No.	Description
<b>312305</b>	KSSS1	Holds one keystone
<b>312354</b>	KSSS2	Holds two keystones
<b>312358</b>	KSSS3	Holds three keystones
<b>312359</b>	KSSS4	Holds four keystones
<b>312360</b>	KSSS6	Holds six keystones

## DUAL-GANG STAINLESS STEEL

Anixter No.	Vendor No.	Description
<b>312362</b>	KSSS8	Holds eight keystones
<b>312363</b>	KSSS12	Holds 12 keystones

## TechChoice VGA Faceplates

ORTRONICS



VGA faceplates are available in high-impact 94V-0-rated thermoplastic. The single-gang version includes one integrated VGA connector. The double-gang version includes two VGA connectors.

## SINGLE-GANG - HOLDS FOUR KEYSTONES

Anixter No.	Vendor No.	Description
<b>373881</b>	KSFP4V110	VGA to 110, fog white
<b>373882</b>	KSFP4VFT	VGA with crimp pins, fog white
<b>373883</b>	KSFP4V110-13	VGA to 110, electrical ivory
<b>373884</b>	KSFP4VFT-13	VGA with crimp pins, electrical ivory

## DUAL-GANG - HOLDS EIGHT KEYSTONES

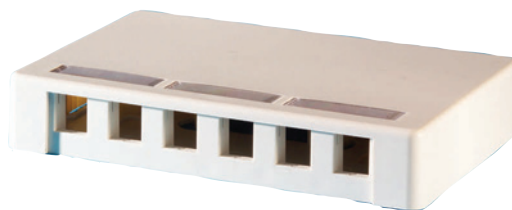
Anixter No.	Vendor No.	Description
<b>373886</b>	KSFP8V110	Two VGA to 110, fog white
<b>373888</b>	KSFP8VFT	Two VGA with crimp pins, fog white
<b>373889</b>	KSFP8V110-13	Two VGA to 110, electrical ivory
<b>373890</b>	KSFP8VFT-13	Two VGA with crimp pins, electrical ivory

## PLASTIC RECTANGULAR GFCI AND 106 FRAMES

Anixter No.	Vendor No.	Description
<b>397352</b>	KSDS2	Stylistic rectangular frame with two keystone openings
<b>397353</b>	KSDS3	Stylistic rectangular frame with three keystone openings
<b>397354</b>	KSDS4	Stylistic rectangular frame with four keystone openings
<b>397355</b>	KS106S2	106 style frame with two keystone openings
<b>397356</b>	KS106S4	106 style frame with four keystone openings

## TechChoice Surface-mount Box

ORTRONICS



TechChoice high-impact surface-mount boxes accommodate 2-port, 4-port or 6-port keystone jacks. They are compatible with the Wiremold Eclipse range of solutions or can easily be surface-installed with supplied screws or double-sided tape. Designation strips and clear covers are included.

Anixter No.	Vendor No.	Description
<b>312364</b>	KSSMB2	Holds two keystones, 2.42 in. x 2.18 in. x 1.16 in.
<b>312365</b>	KSSMB4	Holds four keystones, 4.78 in. x 3.6 in. x 1.14 in.
<b>312366</b>	KSSMB6	Holds six keystones, 6.76 in. x 3.6 in. x 1.14 in.

## FURNITURE PLATES

Anixter No.	Vendor No.	Description
<b>387399</b>	40300630	Holds four keystones 2.67 in. - 2.75 in. x 1.34 in. - 1.41 in., fog white
<b>397362</b>	40300630-00	Holds four keystones 2.67 in. - 2.75 in. x 1.34 in. - 1.41 in., black

## Ortronics TechChoice

## TechChoice Patch Cords - Category 6

ORTRONICS



TechChoice patch cords offer a slim design for high-density applications and come factory terminated with a snagless boot. Each cable is pre-tested for component performance (packaged 10 per bag).

**FEATURES**

- Mod to mod
- T568A/B universally wired

**Technical Information & Standards**

ANSI/TIA Category 6-compliant

## 3 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM03-ORT6TC-01	SPC603-09	White
MM03-ORT6TC-02	SPC603-00	Black
MM03-ORT6TC-03	SPC603-02	Red
MM03-ORT6TC-04	SPC603-05	Green
MM03-ORT6TC-05	SPC603-04	Yellow
MM03-ORT6TC-06	SPC603-06	Blue
MM03-ORT6TC-09	SPC603-08	Gray

## 5 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM05-ORT6TC-01	SPC605-09	White
MM05-ORT6TC-02	SPC605-00	Black
MM05-ORT6TC-03	SPC605-02	Red
MM05-ORT6TC-04	SPC605-05	Green
MM05-ORT6TC-05	SPC605-04	Yellow
MM05-ORT6TC-06	SPC605-06	Blue
MM05-ORT6TC-09	SPC605-08	Gray

## 7 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM07-ORT6TC-01	SPC607-09	White
MM07-ORT6TC-02	SPC607-00	Black
MM07-ORT6TC-03	SPC607-02	Red
MM07-ORT6TC-04	SPC607-05	Green
MM07-ORT6TC-05	SPC607-04	Yellow
MM07-ORT6TC-06	SPC607-06	Blue
MM07-ORT6TC-09	SPC607-08	Gray

## 10 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM10-ORT6TC-01	SPC610-09	White
MM10-ORT6TC-02	SPC610-00	Black
MM10-ORT6TC-03	SPC610-02	Red
MM10-ORT6TC-04	SPC610-05	Green
MM10-ORT6TC-05	SPC610-04	Yellow
MM10-ORT6TC-06	SPC610-06	Blue
MM10-ORT6TC-09	SPC610-08	Gray

## 15 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM15-ORT6TC-01	SPC615-09	White
MM15-ORT6TC-02	SPC615-00	Black
MM15-ORT6TC-03	SPC615-02	Red
MM15-ORT6TC-04	SPC615-05	Green
MM15-ORT6TC-05	SPC615-04	Yellow
MM15-ORT6TC-06	SPC615-06	Blue
MM15-ORT6TC-09	SPC615-08	Gray

## 25 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM25-ORT6TC-01	SPC625-09	White
MM25-ORT6TC-02	SPC625-00	Black
MM25-ORT6TC-03	SPC625-02	Red
MM25-ORT6TC-04	SPC625-05	Green
MM25-ORT6TC-05	SPC625-04	Yellow
MM25-ORT6TC-06	SPC625-06	Blue
MM25-ORT6TC-09	SPC625-08	Gray

## Ortronics TechChoice

## TechChoice Patch Cords - Category 5e

ORTRONICS



TechChoice patch cords offer a slim design for high-density applications and come factory terminated with a snagless boot. Each cable is pretested for component performance (packaged 10 per bag).

## FEATURES

- Mod to mod
- T568A/B universally wired

## Technical Information &amp; Standards

ANSI/TIA Category 5e-compliant

## 3 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM03-ORT5ETC-01	SPC5E03-09	White
MM03-ORT5ETC-02	SPC5E03-00	Black
MM03-ORT5ETC-03	SPC5E03-02	Red
MM03-ORT5ETC-04	SPC5E03-05	Green
MM03-ORT5ETC-05	SPC5E03-04	Yellow
MM03-ORT5ETC-06	SPC5E03-06	Blue
MM03-ORT5ETC-09	SPC5E03-08	Gray

## 5 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM05-ORT5ETC-01	SPC5E05-09	White
MM05-ORT5ETC-02	SPC5E05-00	Black
MM05-ORT5ETC-03	SPC5E05-02	Red
MM05-ORT5ETC-04	SPC5E05-05	Green
MM05-ORT5ETC-05	SPC5E05-04	Yellow
MM05-ORT5ETC-06	SPC5E05-06	Blue
MM05-ORT5ETC-09	SPC5E05-08	Gray

## 7 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM07-ORT5ETC-01	SPC5E07-09	White
MM07-ORT5ETC-02	SPC5E07-00	Black
MM07-ORT5ETC-03	SPC5E07-02	Red
MM07-ORT5ETC-04	SPC5E07-05	Green
MM07-ORT5ETC-05	SPC5E07-04	Yellow
MM07-ORT5ETC-06	SPC5E07-06	Blue
MM07-ORT5ETC-09	SPC5E07-08	Gray

## 10 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM10-ORT5ETC-01	SPC5E10-09	White
MM10-ORT5ETC-02	SPC5E10-00	Black
MM10-ORT5ETC-03	SPC5E10-02	Red
MM10-ORT5ETC-04	SPC5E10-05	Green
MM10-ORT5ETC-05	SPC5E10-04	Yellow
MM10-ORT5ETC-06	SPC5E10-06	Blue
MM10-ORT5ETC-09	SPC5E10-08	Gray

## 15 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM15-ORT5ETC-01	SPC5E15-09	White
MM15-ORT5ETC-02	SPC5E15-00	Black
MM15-ORT5ETC-03	SPC5E15-02	Red
MM15-ORT5ETC-04	SPC5E15-05	Green
MM15-ORT5ETC-05	SPC5E15-04	Yellow
MM15-ORT5ETC-06	SPC5E15-06	Blue
MM15-ORT5ETC-09	SPC5E15-08	Gray

## 25 FOOT LENGTHS

Anixter No.	Vendor No.	Description
MM25-ORT5ETC-01	SPC5E25-09	White
MM25-ORT5ETC-02	SPC5E25-00	Black
MM25-ORT5ETC-03	SPC5E25-02	Red
MM25-ORT5ETC-04	SPC5E25-05	Green
MM25-ORT5ETC-05	SPC5E25-04	Yellow
MM25-ORT5ETC-06	SPC5E25-06	Blue
MM25-ORT5ETC-09	SPC5E25-08	Gray

# CompuLink

## Category 6 Stranded Bootless and Booted Patch Cords

### COMPULINK

These cable assemblies are tested to the Category 6 component compliant requirements of ANSI/TIA-568-B.2 for the following:

Frequency range 1 to 250 MHz

Wire map

Attenuation

NEXT

PSNEXT

ELFEXT

PSACR

Return loss

Propagation delay

Delay skew



### 3 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM03-AXC6-01B).

Anixter No.	Vendor No.	Description
MM03-AXC6-01	M88DE3FC601	White
MM03-AXC6-02	M88DE3FC602	Black
MM03-AXC6-03	M88DE3FC603	Red
MM03-AXC6-04	M88DE3FC604	Green
MM03-AXC6-05	M88DE3FC605	Yellow
MM03-AXC6-06	M88DE3FC606	Blue
MM03-AXC6-08	M88DE3FC608	Orange
MM03-AXC6-09	M88DE3FC609	Gray
MM03-AXC6-10	M88DE3FC610	Violet

### 5 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM05-AXC6-01B).

Anixter No.	Vendor No.	Description
MM05-AXC6-01	M88DE5FC601	White
MM05-AXC6-05	M88DE5FC605	Yellow
MM05-AXC6-06	M88DE5FC606	Blue
MM05-AXC6-09	M88DE5FC609	Gray
MM05-AXC6-02	M88DE5FC602	Black
MM05-AXC6-03	M88DE5FC603	Red
MM05-AXC6-04	M88DE5FC604	Green
MM05-AXC6-08	M88DE5FC608	Orange
MM05-AXC6-10	M88DE5FC610	Violet

### 7 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM07-AXC6-01B).

Anixter No.	Vendor No.	Description
MM07-AXC6-01	M88DE7FC601	White
MM07-AXC6-02	M88DE7FC602	Black
MM07-AXC6-03	M88DE7FC603	Red
MM07-AXC6-04	M88DE7FC604	Green
MM07-AXC6-05	M88DE7FC605	Yellow
MM07-AXC6-06	M88DE7FC606	Blue

Anixter No.	Vendor No.	Description
MM07-AXC6-08	M88DE7FC608	Orange
MM07-AXC6-09	M88DE7FC609	Gray
MM07-AXC6-10	M88DE7FC610	Violet

### 10 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM10-AXC6-01B).

Anixter No.	Vendor No.	Description
MM10-AXC6-01	M88DE10FC601	White
MM10-AXC6-02	M88DE10FC602	Black
MM10-AXC6-03	M88DE10FC603	Red
MM10-AXC6-04	M88DE10FC604	Green
MM10-AXC6-05	M88DE10FC605	Yellow
MM10-AXC6-06	M88DE10FC606	Blue
MM10-AXC6-08	M88DE10FC608	Orange
MM10-AXC6-09	M88DE10FC609	Gray
MM10-AXC6-10	M88DE10FC610	Violet

### 14 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM14-AXC6-01B).

Anixter No.	Vendor No.	Description
MM14-AXC6-01	M88DE14FC601	White
MM14-AXC6-02	M88DE14FC602	Black
MM14-AXC6-03	M88DE14FC603	Red
MM14-AXC6-04	M88DE14FC604	Green
MM14-AXC6-05	M88DE14FC605	Yellow
MM14-AXC6-06	M88DE14FC606	Blue
MM14-AXC6-08	M88DE14FC608	Orange
MM14-AXC6-09	M88DE14FC609	Gray
MM14-AXC6-10	M88DE14FC610	Violet

### 20 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM20-AXC6-01B).

Anixter No.	Vendor No.	Description
MM20-AXC6-01	M88DE20FC601	White
MM20-AXC6-02	M88DE20FC602	Black
MM20-AXC6-03	M88DE20FC603	Red
MM20-AXC6-04	M88DE20FC604	Green
MM20-AXC6-05	M88DE20FC605	Yellow
MM20-AXC6-06	M88DE20FC606	Blue
MM20-AXC6-08	M88DE20FC608	Orange
MM20-AXC6-09	M88DE20FC609	Gray
MM20-AXC6-10	M88DE20FC610	Violet

### 25 FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM25-AXC6-01B).

Anixter No.	Vendor No.	Description
MM25-AXC6-01	M88DE25FC601	White
MM25-AXC6-02	M88DE25FC602	Black
MM25-AXC6-03	M88DE25FC603	Red
MM25-AXC6-04	M88DE25FC604	Green



Anixter No.	Vendor No.	Description
MM25-AXC6-05	M88DE25FC605	Yellow
MM25-AXC6-06	M88DE25FC606	Blue
MM25-AXC6-08	M88DE25FC608	Orange
MM25-AXC6-09	M88DE25FC609	Gray
MM25-AXC6-10	M88DE25FC610	Violet

For information on coax assemblies, visit [www.coaxplanet.com](http://www.coaxplanet.com) or contact your local sales office.

## Enhanced Category 5e Stranded Bootless Patch Cords

### COMPLINK

These Enhanced Category 5e patch cable assemblies are tested to the requirements of ANSI/TIA-568-B for the following:

Frequency range 1 to 150 MHz  
Wire map  
TDX  
Attenuation  
NEXT  
PSNEXT  
PSACR  
Return loss  
Propagation delay  
Delay skew



### 3 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM03-AX6-01	M88DE3F601	White
MM03-AX6-02	M88DE3F602	Black
MM03-AX6-03	M88DE3F603	Red
MM03-AX6-04	M88DE3F604	Green
MM03-AX6-05	M88DE3F605	Yellow
MM03-AX6-06	M88DE3F606	Blue
MM03-AX6-08	M88DE3F608	Orange
MM03-AX6-09	M88DE3F609	Gray
MM03-AX6-10	M88DE3F610	Violet

### 5 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM05-AX6-01	M88DE5F601	White
MM05-AX6-02	M88DE5F602	Black
MM05-AX6-03	M88DE5F603	Red
MM05-AX6-04	M88DE5F604	Green
MM05-AX6-05	M88DE5F605	Yellow
MM05-AX6-06	M88DE5F606	Blue
MM05-AX6-08	M88DE5F608	Orange
MM05-AX6-09	M88DE5F609	Gray
MM05-AX6-10	M88DE5F610	Violet

### 7 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM07-AX6-01	M88DE7F601	White
MM07-AX6-02	M88DE7F602	Black

Anixter No.	Vendor No.	Description
MM07-AX6-03	M88DE7F603	Red
MM07-AX6-04	M88DE7F604	Green
MM07-AX6-05	M88DE7F605	Yellow
MM07-AX6-06	M88DE7F606	Blue
MM07-AX6-08	M88DE7F608	Orange
MM07-AX6-09	M88DE7F609	Gray
MM07-AX6-10	M88DE7F610	Violet

### 10 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM10-AX6-01	M88DE10F601	White
MM10-AX6-02	M88DE10F602	Black
MM10-AX6-03	M88DE10F603	Red
MM10-AX6-04	M88DE10F604	Green
MM10-AX6-05	M88DE10F605	Yellow
MM10-AX6-06	M88DE10F606	Blue
MM10-AX6-08	M88DE10F608	Orange
MM10-AX6-09	M88DE10F609	Gray
MM10-AX6-10	M88DE10F610	Violet

### 14 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM14-AX6-01	M88DE14F601	White
MM14-AX6-02	M88DE14F602	Black
MM14-AX6-03	M88DE14F603	Red
MM14-AX6-04	M88DE14F604	Green
MM14-AX6-05	M88DE14F605	Yellow
MM14-AX6-06	M88DE14F606	Blue
MM14-AX6-08	M88DE14F608	Orange
MM14-AX6-09	M88DE14F609	Gray
MM14-AX6-10	M88DE14F610	Violet

### 20 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM20-AX6-01	M88DE20F601	White
MM20-AX6-02	M88DE20F602	Black
MM20-AX6-03	M88DE20F603	Red
MM20-AX6-04	M88DE20F604	Green
MM20-AX6-05	M88DE20F605	Yellow
MM20-AX6-06	M88DE20F606	Blue
MM20-AX6-08	M88DE20F608	Orange
MM20-AX6-09	M88DE20F609	Gray
MM20-AX6-10	M88DE20F610	Violet

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## CompuLink

(continued) Enhanced Category 5e Stranded Bootless Patch Cords

## 25 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM25-AX6-01	M88DE25F601	White
MM25-AX6-02	M88DE25F602	Black
MM25-AX6-03	M88DE25F603	Red
MM25-AX6-04	M88DE25F604	Green
MM25-AX6-05	M88DE25F605	Yellow
MM25-AX6-06	M88DE25F606	Blue
MM25-AX6-08	M88DE25F608	Orange
MM25-AX6-09	M88DE25F609	Gray
MM25-AX6-10	M88DE25F610	Violet

For information on fiber assemblies, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.

## Category 5e Stranded Bootless Patch Cords

## COMPLINK

These Category 5e patch cable assemblies are tested to the requirements of ANSI/TIA-568-B for the following:

Frequency range 1 to 100 MHz  
Wire map  
Attenuation  
NEXT  
PSNEXT  
PSACR  
Return loss  
Propagation delay  
Delay skew



## 1 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM01-AX5-05	M88DE1FL505	Yellow
MM01-AX5-06	M88DE1FL506	Blue
MM01-AX5-09	M88DE1FL509	Gray

## 3 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM03-AX5-01	M88DE3FL501	White
MM03-AX5-02	M88DE3FL502	Black
MM03-AX5-03	M88DE3FL503	Red
MM03-AX5-04	M88DE3FL504	Green
MM03-AX5-05	M88DE3FL505	Yellow
MM03-AX5-06	M88DE3FL506	Blue
MM03-AX5-08	M88DE3FL508	Orange
MM03-AX5-09	M88DE3FL509	Gray
MM03-AX5-10	M88DE3FL510	Violet

## 5 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM05-AX5-01	M88DE5FL501	White
MM05-AX5-02	M88DE5FL502	Black

Anixter No.	Vendor No.	Description
MM05-AX5-03	M88DE5FL503	Red
MM05-AX5-04	M88DE5FL504	Green
MM05-AX5-05	M88DE5FL505	Yellow
MM05-AX5-06	M88DE5FL506	Blue
MM05-AX5-08	M88DE5FL508	Orange
MM05-AX5-09	M88DE5FL509	Gray
MM05-AX5-10	M88DE5FL510	Violet

## 7 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM07-AX5-01	M88DE7FL501	White
MM07-AX5-02	M88DE7FL502	Black
MM07-AX5-03	M88DE7FL503	Red
MM07-AX5-04	M88DE7FL504	Green
MM07-AX5-05	M88DE7FL505	Yellow
MM07-AX5-06	M88DE7FL506	Blue
MM07-AX5-08	M88DE7FL508	Orange
MM07-AX5-09	M88DE7FL509	Gray
MM07-AX5-10	M88DE7FL510	Violet

## 10 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM10-AX5-01	M88DE10FL501	White
MM10-AX5-02	M88DE10FL502	Black
MM10-AX5-03	M88DE10FL503	Red
MM10-AX5-04	M88DE10FL504	Green
MM10-AX5-05	M88DE10FL505	Yellow
MM10-AX5-06	M88DE10FL506	Blue
MM10-AX5-08	M88DE10FL508	Orange
MM10-AX5-09	M88DE10FL509	Gray
MM10-AX5-10	M88DE10FL510	Violet

## 14 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM14-AX5-01	M88DE14FL501	White
MM14-AX5-02	M88DE14FL502	Black
MM14-AX5-03	M88DE14FL503	Red
MM14-AX5-04	M88DE14FL504	Green
MM14-AX5-05	M88DE14FL505	Yellow
MM14-AX5-06	M88DE14FL506	Blue
MM14-AX5-08	M88DE14FL508	Orange
MM14-AX5-09	M88DE14FL509	Gray
MM14-AX5-10	M88DE14FL510	Violet

## 20 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM20-AX5-01	M88DE20FL501	White
MM20-AX5-02	M88DE20FL502	Black
MM20-AX5-03	M88DE20FL503	Red
MM20-AX5-04	M88DE20FL504	Green
MM20-AX5-05	M88DE20FL505	Yellow
MM20-AX5-06	M88DE20FL506	Blue
MM20-AX5-08	M88DE20FL508	Orange

Anixter No.	Vendor No.	Description
MM20-AX5-09	M88DE20FL509	Gray
MM20-AX5-10	M88DE20FL510	Violet

#### 25 FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM25-AX5-01	M88DE25FL501	White
MM25-AX5-02	M88DE25FL502	Black
MM25-AX5-03	M88DE25FL503	Red
MM25-AX5-04	M88DE25FL504	Green
MM25-AX5-05	M88DE25FL505	Yellow
MM25-AX5-06	M88DE25FL506	Blue
MM25-AX5-08	M88DE25FL508	Orange
MM25-AX5-09	M88DE25FL509	Gray
MM25-AX5-10	M88DE25FL510	Violet

For information on coax assemblies, visit [www.coaxplanet.com](http://www.coaxplanet.com) or contact your local sales office.

#### 2-fiber, 62.5/125 OM1, Riser-rated

##### COMPU LINK



Premium performance, exceeds ANSI/TIA-568 specifications with maximum insertion loss of less than 0.5 dB.

#### LC TO LC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246811	LCCLCCD1	3.3	1
246812	LCCLCCD2	6.6	2
246813	LCCLCCD3	10.0	3
275067	LCCLCCD4	13.1	4
246814	LCCLCCD5	16.4	5
275070	LCCLCCD6	19.7	6
266847	LCCLCCD7	23.0	7
275071	LCCLCCD8	26.2	8
246815	LCCLCCD10	32.8	10
275072	LCCLCCD12	39.4	12
275073	LCCLCCD15	49.2	15
275074	LCCLCCD18	59.1	18
305923	LCCLCCD20	65.6	20

#### LC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246816	LCCSCCD1	3.3	1
246817	LCCSCCD2	6.6	2

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246818	LCCSCCD3	10.0	3
275075	LCCSCCD4	13.1	4
246819	LCCSCCD5	16.4	5
275076	LCCSCCD6	19.7	6
267757	LCCSCCD7	23.0	7
255831	LCCSCCD8	26.2	8
276627	LCCSCCD9	29.7	9
246820	LCCSCCD10	32.8	10
275077	LCCSCCD12	39.4	12
256200	LCCSCCD15	49.2	15
275081	LCCSCCD18	59.1	18

#### LC TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
264444	LCCSTCD1	3.3	1
264445	LCCSTCD2	6.6	2
264446	LCCSTCD3	10.0	3
264447	LCCSTCD5	16.4	5
266860	LCCSTCD7	23.0	7
264448	LCCSTCD10	32.8	10

#### SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152001	SCCSCCD1	3.3	1
152002	SCCSCCD2	6.6	2
152003	SCCSCCD3	10.0	3
199432	SCCSCCD4	13.1	4
152004	SCCSCCD5	16.4	5
199433	SCCSCCD6	19.7	6
266850	SCCSCCD7	23.0	7
199434	SCCSCCD8	26.2	8
152005	SCCSCCD10	32.8	10
199435	SCCSCCD12	39.4	12
199436	SCCSCCD15	49.2	15
199437	SCCSCCD18	59.1	18

#### ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
129350	STCSTCD1	3.3	1
139055	STCSTCD2	6.6	2
129351	STCSTCD3	10.0	3
173135	STCSTCD4	13.1	4
129352	STCSTCD5	16.4	5
199444	STCSTCD6	19.7	6
266843	STCSTCD7	23.0	7
199445	STCSTCD8	26.2	8
129353	STCSTCD10	32.8	10
173131	STCSTCD12	39.4	12
129354	STCSTCD15	49.2	15
147378	STCSTCD18	59.1	18

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## CompuLink

(continued) 2-fiber, 62.5/125 OM1, Riser-rated

## ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152011	STCSCCD1	3.3	1
152012	STCSCCD2	6.6	2
152013	STCSCCD3	10.0	3
199438	STCSCCD4	13.1	4
152014	STCSCCD5	16.4	5
199439	STCSCCD6	19.7	6
266844	STCSCCD7	23.0	7
199440	STCSCCD8	26.2	8
152015	STCSCCD10	32.8	10
199441	STCSCCD12	39.4	12
199442	STCSCCD15	49.2	15
199443	STCSCCD18	59.1	18

For information on fiber trunks, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.

## 2-fiber, 62.5/125 OM1, Riser-rated

## COMPLINK



Standard performance, meets ANSI/TIA-568 specifications with maximum insertion loss of less than 0.75 dB.

## ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207046	STPSTPD1	3.3	1
207047	STPSTPD2	6.6	2
207049	STPSTPD3	10.0	3
207050	STPSTPD5	16.4	5
208692	STPSTPD6	19.7	6
208693	STPSTPD8	26.2	8
207051	STPSTPD10	32.8	10
207904	STPSTPD15	49.2	15
209341	STPSTPD18	59.1	18

## SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207052	SCPSCPD1	3.3	1
207053	SCPSCPD2	6.6	2
207054	SCPSCPD3	10.0	3
208694	SCPSCPD4	13.1	4
207055	SCPSCPD5	16.4	5

Anixter No.	Vendor No.	Length (ft.)	Length (m)
208695	SCPSCPD6	19.7	6
208696	SCPSCPD8	26.2	8
207056	SCPSCPD10	32.8	10
208697	SCPSCPD12	39.4	12
208698	SCPSCPD15	49.2	15
208699	SCPSCPD18	59.1	18

## ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207057	STPSCPD1	3.3	1
207058	STPSCPD2	6.6	2
207059	STPSCPD3	10.0	3
208700	STPSCPD4	13.1	4
207060	STPSCPD5	16.4	5
208701	STPSCPD6	19.7	6
208702	STPSCPD8	26.2	8
207061	STPSCPD10	32.8	10
208706	STPSCPD12	39.4	12
208707	STPSCPD15	49.2	15
208708	STPSCPD18	59.1	18

## 2-fiber, 62.5/125 OM1, Riser-rated

## COMPLINK

## LC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246821	LCCMTRJPD1	3.3	1
246822	LCCMTRJPD2	6.6	2
246823	LCCMTRJPD3	10.0	3
246824	LCCMTRJPD5	16.4	5
246825	LCCMTRJPD10	32.8	10

## SC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223739	MTRJPSCCD1	3.3	1
223740	MTRJPSCCD2	6.6	2
223741	MTRJPSCCD3	10.0	3
223742	MTRJPSCCD5	16.4	5
223743	MTRJPSCCD10	32.8	10

## ST CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223734	MTRJPSTCD1	3.3	1
223735	MTRJPSTCD2	6.6	2
223736	MTRJPSTCD3	10.0	3
223737	MTRJPSTCD5	16.4	5
266849	MTRJPSTCD7	23.0	7
223738	MTRJPSTCD10	32.8	10

2-fiber, 50/125 OM3, Aqua SX300

COMPULINK



LC TO LC CERAMIC RISER RATED

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432270	LCCLCC50 + D1	3.3	1
432271	LCCLCC50 + D2	6.6	2
432272	LCCLCC50 + D3	10.0	3
432273	LCCLCC50 + D4	13.1	4
432274	LCCLCC50 + D5	16.4	5
452462	LCCLCC50 + D6	19.7	6
452469	LCCLCC50 + D7	23.0	7
452475	LCCLCC50 + D8	26.2	8
432275	LCCLCC50 + D10	32.8	10
452477	LCCLCC50 + D12	39.4	12
432276	LCCLCC50 + D15	49.2	15
452478	LCCLCC50 + D18	59.1	18
452498	LCCLCC50 + D20	65.6	20

LC TO SC CERAMIC RISER RATED

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432277	LCCSCC50 + D1	3.3	1
432278	LCCSCC50 + D2	6.6	2
432279	LCCSCC50 + D3	10.0	3
432280	LCCSCC50 + D4	13.1	4
432281	LCCSCC50 + D5	16.4	5
452519	LCCSCC50 + D6	19.7	6
452520	LCCSCC50 + D7	23.0	7
452521	LCCSCC50 + D8	26.2	8
432282	LCCSCC50 + D10	32.8	10
452523	LCCSCC50 + D11	36.1	11
452524	LCCSCC50 + D12	39.4	12
452525	LCCSCC50 + D15	49.2	15
452526	LCCSCC50 + D18	59.1	18

LC TO LC CERAMIC PLENUM

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432284	LCCLCC50 + PD7	23.0	7
432285	LCCLCC50 + PD15	49.2	15
432286	LCCLCC50 + PD25	82.0	25
432287	LCCLCC50 + PD30	98.4	30
432288	LCCLCC50 + PD40	131.2	40
432289	LCCLCC50 + PD50	164.0	50

LC TO SC CERAMIC PLENUM

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432290	LCCSCC50 + PD7	23.0	7
432291	LCCSCC50 + PD15	49.2	15
432292	LCCSCC50 + PD25	82.0	25
432293	LCCSCC50 + PD30	98.4	30

For information on fiber trunks, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.

2-fiber, 50/125 OM2, Aqua SX150, Riser-rated

COMPULINK



LC TO LC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246793	LCCLCC50D1	3.3	1
246794	LCCLCC50D2	6.6	2
246795	LCCLCC50D3	10.0	3
275058	LCCLCC50D4	13.1	4
246796	LCCLCC50D5	16.4	5
275059	LCCLCC50D6	19.7	6
305121	LCCLCC50D7	23.0	7
275060	LCCLCC50D8	26.2	8
246797	LCCLCC50D10	32.8	10
275061	LCCLCC50D12	39.4	12
275062	LCCLCC50D15	49.2	15
275064	LCCLCC50D18	59.1	18
348779	LCCLCC50D20	65.6	20

LC TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
269222	LCCSTC50D1	3.3	1
269224	LCCSTC50D2	6.6	2
269225	LCCSTC50D3	10.0	3
269227	LCCSTC50D4	13.1	4
269228	LCCSTC50D5	16.4	5
269229	LCCSTC50D6	19.7	6
269230	LCCSTC50D8	26.2	8
269231	LCCSTC50D10	32.8	10
269233	LCCSTC50D11	36.1	11

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## Infrastructure

## CompuLink

(continued) 2-fiber, 50/125 OM2, Aqua SX150, Riser-rated

## LC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246801	LCCSCC50D1	3.3	1
246802	LCCSCC50D2	6.6	2
246803	LCCSCC50D3	10.0	3
269234	LCCSCC50D4	13.1	4
246804	LCCSCC50D5	16.4	5
269235	LCCSCC50D6	19.7	6
328245	LCCSCC50D7	23.0	7
264449	LCCSCC50D8	26.2	8
246805	LCCSCC50D10	32.8	10
269236	LCCSCC50D11	36.1	11
275065	LCCSCC50D12	39.4	12
264450	LCCSCC50D15	49.2	15
275066	LCCSCC50D18	59.1	18

## SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246841	SCCSCC50D1	3.3	1
246842	SCCSCC50D2	6.6	2
246843	SCCSCC50D3	10.0	3
269241	SCCSCC50D4	13.1	4
246844	SCCSCC50D5	16.4	5
269242	SCCSCC50D6	19.7	6
269243	SCCSCC50D8	26.2	8
246845	SCCSCC50D10	32.8	10
269244	SCCSCC50D11	36.1	11
275082	SCCSCC50D12	39.4	12
275083	SCCSCC50D15	49.2	15
275084	SCCSCC50D18	59.1	18

## ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246834	STCSCC50D1	3.3	1
246836	STCSCC50D2	6.6	2
246837	STCSCC50D3	10.0	3
269237	STCSCC50D4	13.1	4
246838	STCSCC50D5	16.4	5
269238	STCSCC50D6	19.7	6
269239	STCSCC50D8	26.2	8
246839	STCSCC50D10	32.8	10
269240	STCSCC50D11	36.1	11

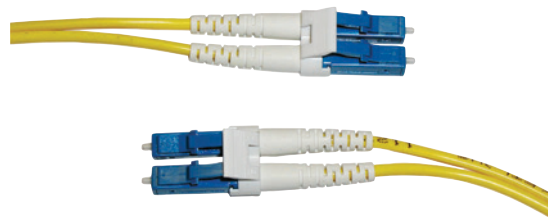
## ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246828	STCSTC50D1	3.3	1
246829	STCSTC50D2	6.6	2
246830	STCSTC50D3	10.0	3
246831	STCSTC50D5	16.4	5
246832	STCSTC50D10	32.8	10

For information on fiber trunks, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.

## 2-fiber OS2 Single-mode Jumper Cords, Ultra-polish, Riser-rated

## COMPU LINK



These single-mode jumpers are tested for insertion loss of 0.2 dB average, and a return loss of 55 dB or better. All single-mode assemblies meet the Telcordia GR-326 specification.

## LC CERAMIC TO LC CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246866	LCCLCCD1-UPSM	3.3	1
246867	LCCLCCD2-UPSM	6.6	2
246868	LCCLCCD3-UPSM	10.0	3
246869	LCCLCCD5-UPSM	16.4	5
266848	LCCLCCD7-UPSM	23.0	7
246870	LCCLCCD10-UPSM	32.8	10
255835	LCCLCCD15-UPSM	49.2	15

## LC CERAMIC TO SC CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246858	LCCSCCD1-UPSM	3.3	1
246859	LCCSCCD2-UPSM	6.6	2
246863	LCCSCCD3-UPSM	10.0	3
246864	LCCSCCD5-UPSM	16.4	5
267758	LCCSCCD7-UPSM	23.0	7
246865	LCCSCCD10-UPSM	32.8	10

## LC CERAMIC TO ST CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
264451	LCCSTCD1-UPSM	3.3	1
264452	LCCSTCD2-UPSM	6.6	2
264453	LCCSTCD3-UPSM	10.0	3
266861	LCCSTCD5-UPSM	16.4	5
266862	LCCSTCD7-UPSM	23.0	7
266863	LCCSTCD10-UPSM	32.8	10

## MT-RJ TO ST CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
266925	MTRJSTC1-UPSM	3.3	1
266926	MTRJSTC3-UPSM	10.0	3
266927	MTRJSTC5-UPSM	16.4	5
266928	MTRJSTC7-UPSM	23.0	7
266929	MTRJSTC10-UPSM	32.8	10



OS2 Single-mode Fiber Jumper Cords, Super-polish, Riser-rated  
COMPU LINK



These are single-mode fiber jumpers with 40 dB return loss.

1-FIBER ST TYPE TO ST TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151980	STCSTCS1-SPSM	3.3	1
151981	STCSTCS2-SPSM	6.6	2
151982	STCSTCS3-SPSM	10.0	3
151983	STCSTCS5-SPSM	16.4	5
151984	STCSTCS10-SPSM	32.8	10

1-FIBER ST TYPE TO SC CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152049	STCSCCS1-SPSM	3.3	1
152050	STCSCCS2-SPSM	6.6	2
152051	STCSCCS3-SPSM	10.0	3
152052	STCSCCS5-SPSM	16.4	5
152053	STCSCCS10-SPSM	32.8	10

1-FIBER SC TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151991	SCCSCCS1-SPSM	3.3	1
151992	SCCSCCS2-SPSM	6.6	2
151993	SCCSCCS3-SPSM	10.0	3
151994	SCCSCCS5-SPSM	16.4	5
151995	SCCSCCS10-SPSM	32.8	10

2-FIBER SC TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152026	SCCSCCD1-SPSM	3.3	1
152027	SCCSCCD2-SPSM	6.6	2
152028	SCCSCCD3-SPSM	10.0	3
152029	SCCSCCD5-SPSM	16.4	5
266851	SCCSCCD7-SPSM	23.0	7
267427	SCCSCCD8-SPSM	26.2	8
152030	SCCSCCD10-SPSM	32.8	10
267428	SCCSCCD12-SPSM	39.4	12
267430	SCCSCCD15-SPSM	49.2	15
267432	SCCSCCD18-SPSM	59.1	18
267434	SCCSCCD20-SPSM	65.6	20
267433	SCCSCCD30-SPSM	98.4	30

2-FIBER ST TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152036	STCSCCD1-SPSM	3.3	1
152037	STCSCCD2-SPSM	6.6	2
152038	STCSCCD3-SPSM	10.0	3
152039	STCSCCD5-SPSM	16.4	5
266846	STCSCCD7-SPSM	23.0	7
152040	STCSCCD10-SPSM	32.8	10

2-FIBER ST TYPE TO ST TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151986	STCSTCD1-SPSM	3.3	1
151987	STCSTCD2-SPSM	6.6	2
151988	STCSTCD3-SPSM	10.0	3
151989	STCSTCD5-SPSM	16.4	5
266845	STCSTCD7-SPSM	23.0	7
151990	STCSTCD10-SPSM	32.8	10

For information on fiber trunks, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.

# Standard Commercial Audio/Video

## Media Control Cables for Building Automation - Plenum Rated



Universal control cables for room and building automation proprietary systems such as AMX, Crestron and Elan. Plenum rated.

### SPECIFICATIONS

1. COMPOSITE: See Part Number Description
2. CONDUCTOR: Stranded bare copper
3. SHIELDING: Foil shield, plus tinned-copper drain wire
4. INSULATION: Low-smoke polyvinyl chloride (LSPVC)
5. JACKET: Low-smoke polyvinyl chloride (LSPVC)
6. NEC: CMP or CL3P

Anixter No.	Description	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
AV-AXLINK-P	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power; overall white LSPVC jacket.	0.190	25
AV-CRESNT-P	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power; overall teal with yellow stripe LSPVC jacket. CMP	0.190	25

## Media Control Cables for Building Automation



Universal control cables for room and building automation proprietary systems such as AMX, Crestron and Elan.

### SPECIFICATIONS

1. COMPOSITE: See Part Number Description
2. CONDUCTOR: Stranded bare copper
3. SHIELDING: Foil shield, plus tinned-copper drain wire
4. INSULATION: Polyvinyl chloride (PVC)
5. JACKET: Polyvinyl chloride (PVC)
6. NEC: CMR or CL3R or CL3/CM

Anixter No.	Description	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
AV-AXLINK	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power; overall black PVC jacket.	0.230	37
AV-CRESCT	Composite: 1 (22 AWG shielded data pair + 2C 18 AWG unshielded power) + 1 Cat 5e, overall teal with red stripe PVC jacket. CL3/CM	0.495	92
AV-CRESCT-D	Composite: 1 (22 AWG shielded data pair + 2C 18 AWG unshielded power) + 2 Cat 5e, overall teal with black stripe PVC jacket. CL3/CM	0.512	114
AV-CRESCT-DC	Composite: 1 (22 AWG shielded data pair + 2C 18 AWG unshielded power) + 2 Cat 5e + RG6 quad-shield coax, overall teal with orange stripe jacket. CL3/CM	0.753	221
AV-CRESCT-Q	Composite: 1 (22 AWG shielded data pair + 2C 18 AWG unshielded power) + 4 Cat 5e, overall teal with white stripe PVC jacket. CL3/CM	0.625	221
AV-CRESNT	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power; overall teal with yellow stripe PVC jacket. CMR	0.230	37

# Standard Commercial Audio/Video

## Lighting-control Cables



Lighting-control cable for permanent LiteTouch or Lutron GRAFIK Eye, Sivoia, Homeworks and Vantage installations. Plenum rated.

### SPECIFICATIONS

1. COMPOSITE: See Part Number Description
2. CONDUCTOR: Stranded or solid bare copper
3. SHIELDING: Foil shield, plus tinned-copper drain wire
4. INSULATION: Low-smoke polyvinyl chloride (LSPVC)
5. JACKET: Low-smoke polyvinyl chloride (LSPVC)
6. NEC: CMP or CL3P

Anixter No.	Description	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
<b>AV-LUTRON-P-EBC</b>	2C 16 AWG Solid BC, overall clear FEP jacket, 105C	0.170	27
<b>AV-LUTRON-P-ESC</b>	5C 22 AWG Solid BC, overall foil shield, overall clear FEP jacket, 200C	0.125	19
<b>AV-LUTRON-P-GRN</b>	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power, overall white/green stripe LSPVC jacket	0.352	37
<b>AV-LUTRON-P-RBL</b>	Composite: 2C 22 AWG shielded data pair + 2C 12 AWG unshielded power pair + 1C 18 AWG sense line, overall white with blue stripe LSPVC jacket	0.373	76
<b>AV-LUTRON-P-RED</b>	Composite: 4C 18 AWG quad shielded + 2C 16 AWG unshielded power + 1C 18 AWG ground, overall white with red stripe LSPVC jacket	0.411	76
<b>AV-LUTRON-P-WHT</b>	4C 18 AWG, foil shield, overall white with light blue stripe LSPVC jacket	0.184	33
<b>AV-LUTRON-P-YEL</b>	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power, overall white with yellow stripe LSPVC jacket	0.352	37

## Lighting-Control Cables



Lighting-control cable for permanent LiteTouch or Lutron GRAFIK Eye, Sivoia, Homeworks and Vantage installations.

### SPECIFICATIONS

1. COMPOSITE: See Part Number Description
2. CONDUCTOR: Stranded or solid bare copper
3. SHIELDING: Foil shield, plus tinned copper drain wire
4. INSULATION: Polyvinyl Chloride (PVC)
5. JACKET: Polyvinyl Chloride (PVC)
6. NEC: CMR or CL3R

Anixter No.	Description	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
<b>AV-LUTRON-EBC</b>	2C 16 AWG Solid BC, overall grey PVC jacket, 105C, AWM Style 2919	0.282	41
<b>AV-LUTRON-ESC</b>	5C 22 AWG Solid BC, overall foil shield, overall white PVC jacket, 105C, AWM Style 2919	0.279	44
<b>AV-LUTRON-GRN</b>	Composite: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power, overall light blue with green stripe PVC jacket	0.387	
<b>AV-LUTRON-PINK</b>	2C 18 AWG shielded, light blue with pink stripe PVC jacket	0.260	41
<b>AV-LUTRON-RBL</b>	Composite: 2C 22 AWG shielded data pair + 2C 12 AWG unshielded power pair + 1C 18 AWG sense line, overall light blue with royal blue stripe PVC jacket	0.404	83
<b>AV-LUTRON-RED</b>	Composite: 4C 18 AWG quad shielded + 2C 16 AWG unshielded power + 1C 18 AWG ground, overall light blue with red stripe PVC jacket	0.435	86
<b>AV-LUTRON-WHT</b>	4C 18 AWG, foil shield, overall light blue with white stripe PVC jacket, Type TC	0.296	59
<b>AV-LUTRON-YEL</b>	Composit: 2C 22 AWG shielded data pair + 2C 18 AWG unshielded power, overall light blue with yellow stripe PVC jacket	0.387	45

## Coax Connectors and Accessories

## BNC Plugs

## TERM TYPE LEGEND

H-C-C = Hex Crimp Center Contact and Braid

O-C-C = "O" Crimp Center Contact and Braid

H-C = Captive Center Contact and Braid



## RG-58/U PVC CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160328	Amphenol	31-5800	H-C-C	A	140497	CTL-1	50 ohms
142321	TE Conn	1-5221128-0	H-C-C	A	133100	58433-2	50 ohms
356065	TE Conn	5227079-5	O-C-C	A	133101	58433-1	50 ohms

## RG-58 PLENUM CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160328	Amphenol	31-5800	H-C-C	A	140497	CTL-1	50 ohms

## RG-59/62 CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160329	Amphenol	31-5900	H-C-C	A	140497	CTL-1	50 ohms
166930	Amphenol	31-71032	H-C-C	A	140449	CTL-2	Nominal 75 ohms
194127	Amphenol	31-71008	H-C-C	A	140497	CTL-1	Nominal 75 ohms
041494	Emerson	CP-88-2	H-C	C	Emerson 24-8859P	24-8859P	50 ohms
201762	Emerson	CPMC-88-2	H-C-C	A	Emerson 24-8856P	24-8856P	50 ohms
251505	Emerson	CP-78-2	H-C	C	268425	24-8789P	75 ohms
347045	TE Conn	1-5221128-1	H-C-C	A	133100	58433-2	50 ohms
037852	Emerson	CPFI-UG88-2	Twist	B	Not needed	Not needed	50 ohms
251502	Emerson	28-90507	Twist	B	Not needed	Not needed	75 ohms

## RG-59/62 PLENUM CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160329	Amphenol	31-5900	H-C-C	A	140497	CTL-1	50 ohms
194129	Amphenol	31-71008-2000	H-C-C	A	140499	CTL-2	Nominal 75 ohms
105399	Emerson	CP-88-10	H-C	C	268425	24-8789P	50 ohms
257834	Emerson	CP-78-10	H-C	C	268425	24-8789P	75 ohms
084423	Emerson	CPFI-UG88-10	Twist	B	Not needed	Not needed	50 ohms

## RG-59 PVC, 20 AWG C.C.

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160330	Amphenol	68175-5RFX	H-C-C	A	140497	CTL-1	50 ohms
166928	Amphenol	31-70008-1000	H-C-C	A	166924	CTL-8	75 ohms
194128	Amphenol	31-71008-1000	H-C-C	A	140497	CTL-1	Nominal 75 ohms
142851	TE Conn	5221185-9	O-C-C	A	160215	354940-1	Use with die 196439, 75 ohms

## RG-59, PLENUM, 20 AWG

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
239844	Amphenol	31-71035	H-C-C	A	166924	CTL-8	Nominal 75 ohms

## THIN ETHERNET, PVC AND PLENUM (BELDEN 9907 AND 89907 OR EQUAL)

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160328	Amphenol	31-5800	H-C-C	A	140497	CTL-1	50 ohms
135802	Amphenol	31-320-1006	H-C-C	A	140497	CTL-1	50 ohms

## Coax Connectors and Accessories

## BROADCAST CABLE (BELDEN 8281 OR EQUAL)

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
198331	Amphenol	31-321-10RFX	H-C-C	A	140499	CTL-2	50 ohms

## RG-6 PVC CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
166931	Amphenol	31-70000	H-C-C	A	166924	CTL-8	75 ohms
255034	Amphenol	31-71000-RFX	H-C-C	A	166924	CTL-8	Nominal 75 ohms
251504	Emerson	28-90027	H-C	B	257279	24-321P	75 ohms
251503	Emerson	28-90527	Twist	B	Not needed	Not needed	75 ohms

## DS3 (75 OHMS) 734A AND 735A COAXIAL CABLE

Anixter No.	Vendor	Vendor No.	Description	Term Tool Anixter No.	Term Tool Vendor No.
131048	Emerson	UPL220-025	Straight BNC, 734A	449810	CT5
201045	Emerson	UPLR220-025	Right angle BNC, 734A	449810	CT5
218260	Cannon RF Prod	W58-124-9069910	Straight BNC, 734A	218264	050-000-0030150
2025-76-9	Kings	2025-76-9	Straight BNC, 734A	KTH-1000/KTH-2186	KTH-1000/KTH-2186
2026-16-9	Kings	2026-16-9	Right Angle BNC, 734A	KTH-1000/KTH-2186	KTH-1000/KTH-2186
143289	TE Conn	413589-7	Straight BNC, 734A	133100	58433-2
215084	ADC	BNC-1	Straight BNC, 734A	215110	WT-2
155767	Emerson	UPL220-026	Straight BNC, 735A	449810	CT5
158607	Emerson	UPLR220-026	Right angle BNC, 735A	449810	CT5
242756	Amphenol	31-70238	Straight BNC, 735A	242776	CTL-15
218273	Cannon RF Prod	W58-124-901991S	Right angle BNC, 735A	218263	050-000-0030120
215781	Cannon RF Prod	W58-124-9019910	Straight BNC, 735A	218263	050-000-0030120
218259	Cannon RF Prod	W58-124-9019916	Straight BNC, 735A, 100-pack	218263	050-000-0030120
350316	TE Conn	1-5413589-0	Straight BNC, 735A	133100	58433-2

## RG-174, RG-179 BNC PLUGS

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
074405	TE Conn	5225395-7	O-C-C	A	183046	220009-1	For RG-174, 50 ohms
166926	Amphenol	31-70013	H-C-C	A	166925	CTL-6	For RG-179, 75 ohms
237727	Emerson	UPL220-004	H-C-C	A	449810	CT5	For RG-179, 75 ohms

## OTHER COAX PLUGS, MINI RG-59, MINI UHF

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
131050	Emerson	UPL250-009	H-C-C	A	449810	CT5	Mini RG-59, 8218, 75 ohms
166927	Amphenol	31-71033	H-C-C	A	140499	CTL-2	RGB-SVHS cables, 75 ohms

## OTHER COAX PLUGS, UHF, RG-8, 9, 11, 213, 214 AND OTHER

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
110061	Amphenol	83-1SP-1050	Solder/clamp	Not shown	Not needed	----	UHF - PL259
110111	Amphenol	6775	Solder/clamp	Not shown	Not needed	----	50 ohms for RG-8/9/11/213/214
2065-11-9	Kings	2065-11-9	H-C-C	A	KTH-1000/DIE-KTH-2025	KTH-1000/DIE-KTH-2025	75 ohms for 1855A and 1856A
2065-2-9	Kings	2065-2-9	H-C-C	A	KTH-1000/KTH-2261	KTH-1000/KTH-2261	75 ohms
2065-10-9	Kings	2065-10-9	H-C-C	A	KTH-1000/Die KTH-2255	KTH-1000/Die KTH-2255	75 ohms for 1694A, 9114, 9248, 9290
352079	TE Conn	5221185-1	O-C-C	A	160215/Die 196439	354940-1/Die 58536-1	75 ohms for 1694A, 9114, 9248, 9290
334563	TE Conn	1-5221185-5	O-C-C	A	160215/Die 58174-1	354940-1/58174-1	75 ohms for 1164A and 1167A



## Your Source for Your Infrastructure Needs

### Horizontal Building Space

- Copper and fiber optic cable
- Flexible cable runway
- J-hooks
- Indoor plenum innerduct
- Cable ties
- Wireless access points
- Building wire
- Wireless distributed antenna systems (DAS)
- Ceiling and wall-mount zone enclosures

### Workstation

- Jacks, adapters and faceplates
- Patch cords
- Labeling
- Surface raceway
- Telephones
- Headsets
- Voice and visual paging
- UPS and power protection products

### Commercial Building

### Telecom Closet

- Copper and fiber optic cable
- Patch cords and patch panels
- Racks, cabinets and shelving products
- Cable management
- Grounding and bonding
- UPS and power protection
- Tools and test equipment
- Switches
- Power over Ethernet (PoE)
- Media converters
- Transceivers

### Riser Building Space

- Copper and fiber optic backbone cable
- Firestop
- Building wire

### Remote Manufacturing Facility

- Electrical and electronic support and supply products (cable tray, cable ties, etc.)
- Power cable
- Instrumentation and control cable
- Specialty industrial cable
- Portable cord
- Industrial networking products
- Industrial control cable
- Industrial communication cable (Ethernet, fieldbus, fiber)
- Enclosures
- Perimeter security
- Power distribution and power protection

### Remote Manufacturing Facility

### Security Systems

- Video surveillance
- Access control
- Network and environmental monitoring
- Sound and paging systems
- Fire and intrusion products
- Low-voltage and fiber cabling
- Accessories
- UPS and power protection
- Architectural hardware
- Key systems/Key control

### Data Center

- Copper and fiber optic cable
- Patch cords and patch panels
- Intelligent patching
- Preterminated copper and fiber solutions
- Racks, cabinets and shelving
- TZ Praetorian™ Cabinet Locking System
- Cable management
- Intelligent rack power strips
- Grounding and bonding
- Precision cooling units
- Power distribution units (PDUs)
- Uninterrupted power supplies (UPS)
- Overhead duct and ladder rack
- Environmental monitoring and management products
- Switches
- Console servers
- Device servers
- CSU/DSU
- KVM switches and console managers
- Power cabling and accessories
- Power over Ethernet (PoE)
- Access control and surveillance systems
- Tools and test equipment
- Building entrance protection



Anixter's Supply Chain Solutions can help customers stay profitable and competitive in the marketplace. By customizing our Supply Chain Solutions, we provide our customers with effective, scalable and repeatable solutions to eliminate costs, save time, mitigate risk and enhance productivity throughout the deployment process.