

FX Fusion Splicer

Description	Part Number
FX Fusion Active Cladding Splicer Kit (includes splicer, splice holder, charger, spare electrodes, cooling tray, carrying case with strap, screwdriver, and fiber seath clamps)*	FXFSTOSPL



FX Fusion Installation Kits

Description	Part Number
Standard Tool Kit (Standard Cleaver, Fiber Preparation Tools)	FXFSTOSTK
Precision Tool Kit (Precision Cleaver, Fiber Preparation Tools)	FXFSTOPTK



Distribution Cable

# of Fibers	OM3	OM4 Erika	OS2
Non-unitized Riser – Standard Indoor			
6	FI3D006R9	FI4D006R9	FISD006R9
12	FI3D012R9	FI4D012R9	FISD012R9
24	FI3D024R9	FI4D024R9	FISD024R9
Unitized 12-Fiber Sub-Units Riser – Standard Indoor			
48	FI3D048RJ	FI4D048RJ	FISD048RJ
Non-unitized Plenum – Standard Indoor			
6	FI3D006P9	FI4D006P9	FISD006P9
12	FI3D012P9	FI4D012P9	FISD012P9
24	FI3D024P9	FI4D024P9	FISD024P9
Unitized 12-Fiber Sub-Units Plenum – Standard Indoor			
48	FI3D048PK	FI4D048PK	FISD048PK
Non-unitized Riser – Indoor/Outdoor			
6	FD3D006R9	FD4D006R9	FDS006R9
12	FD3D012R9	FD4D012R9	FDS012R9
24	FD3D024R9	FD4D024R9	FDS024R9
Unitized 12-Fiber Sub-Units Riser – Indoor/Outdoor			
48	FD3D048RJ	FD4D048RJ	FDS048RJ
Non-unitized Plenum – Indoor/Outdoor			
6	FD3D006P9	FD4D006P9	FDS006P9
12	FD3D012P9	FD4D012P9	FDS012P9
24	FD3D024P9	FD4D024P9	FDS024P9
Unitized 12-Fiber Sub-Units Plenum – Indoor/Outdoor			
48	FD3D048PK	FD4D048PK	FDS048PK



Armored Distribution Cable

# of Fibers	OM3	OM4 Erika	OS2
Non-unitized Riser – Standard Indoor			
6	FI3D006F9	FI4D006F9	FISD006F9
12	FI3D012F9	FI4D012F9	FISD012F9
24	FI3D024F9	FI4D024F9	FISD024F9
Non-unitized Plenum – Standard Indoor			
6	FI3D006A9	FI4D006A9	FISD006A9
12	FI3D012A9	FI4D012A9	FISD012A9
24	FI3D024A9	FI4D024A9	FISD024A9
Unitized 12-Fiber Sub-Units Plenum – Standard Indoor			
48	FI3D048AK	FI4D048AK	FISD048AK
Non-unitized Riser – Indoor/Outdoor			
6	FD3D006F9	FD4D006F9	FDS006F9
12	FD3D012F9	FD4D012F9	FDS012F9
24	FD3D024F9	FD4D024F9	FDS024F9
Non-unitized Plenum – Indoor/Outdoor			
6	FD3D006A9	FD4D006A9	FDS006A9
12	FD3D012A9	FD4D012A9	FDS012A9
24	FD3D024A9	FD4D024A9	FDS024A9
Unitized 12-Fiber Sub-Units Plenum – Indoor/Outdoor			
48	FD3D048AK	FD4D048AK	FDS048AK



FX Fusion Splice-On Connectors

Description	Belden Part Number			
	Multimode		Singlemode	
	OM3/OM4 - Aqua	OM4 - Erika Violet	OS2 - Blue	OS2/APC - Green
LC with 900/250 µm Boot, 1/Pack	FT3LC900FS01	FT4LC900FS01	FTSLC900FS01	FTSLB900FS01
SC with 900/250 µm Boot, 1/Pack	FT3SC900FS01	FT4SC900FS01	FTSSC900FS01	FTSSB900FS01
LC with 2 mm Boot, 1/Pack	FT3LC2MMFS01	FT4LC2MMFS01	FTSLC2MMFS01	FTSLB2MMFS01
SC with 2 mm Boot, 1/Pack	FT3SC2MMFS01	FT4SC2MMFS01	FTSSC2MMFS01	FTSSB2MMFS01

FX Fusion connectors with 900/250 µm boot are not compatible for termination on breakout kits.

Description	Belden Part Number
Splice Holder Family 1	FXFSSHFM1
Splice Holder Family 2	FXFSSHFM2
Splice Holder Family 3	FXFSSHFM3



For a complete list of FX Fusion compatible splicers and holders, please visit www.belden.com/splice-on and refer to the installation tools reference guide.

FX Brilliance Universal Connectors

Description	Belden Part Number			
	Multimode		Singlemode	
	OM3/OM4 - Aqua	OM4 - Erika Violet	OS2 - Blue	OS2/APC - Green
LC with 900 µm Boot, 25/Pack	AX105202-B25	AX105252-B25	AX105203-B25	
SC with 900 µm Boot, 25/Pack	AX105207-B25	AX105253-B25	AX105208-B25	AX105209-B25
ST with 900 µm Boot, 25/Pack	AX105212-B25	AX105254-B25	AX105213-B25	

Replace -B25 with -S1 for sample 1 per package.

Description	Belden Part Number
250 µm Boot, 25/Pack	FXBUB0250B25N
2 mm Jacketed Boot, 25/Pack	AX105214-B25
3 mm Jacketed Boot, 25/Pack	AX105215-B25
LC Duplex Clip (Black), 25/Pack	FXBUCLDB25N
SC Duplex Clip (Black), 25 25/Pack	FXBUCLSDB25N



Standard Mass-Fusion Pigtail Kits (Connector on 250 µm Ribbon)

Description	Belden Part Number			
	OM3	OM4	OS2	OS2/APC
MPO-12 (m)	FT3MM250PS01	FT4MM250PS01	-	FTSMM250PS01
LC	FT3LC250PR12	FT4LC250PR12	FTSLC250PR12	FTSLB250PR12
SC	FT3SC250PR12	-	FTSSC250PR12	FTSSB250PR12

Standard Mass-Fusion Color-coded Pigtail Kits contain a 12-fiber ribbon with a 0.5 m 900 µm fanout with 12 connectors, 2 m in total length.

Standard Pigtail Kits (Connector on 900 µm Fiber)

Description	Belden Part Number			
	OM3	OM4	OS2	OS2/APC
LC	FT3LC900PR12	FT4LC900PR12	FTSLC900PR12	FTSLB900PR12
SC	FT3SC900PR12	FT4SC900PR12	FTSSC900PR12	FTSSB900PR12
ST	FT3ST900PR12	-	FTSST900PR12	-

Standard Color-coded Pigtail Kits contain 12 color-coded 900 µm fibers, 2 m in length.

Standard FX Patch Cords

Length (m)	OM3 Aqua	OM4 Erika Violet	OS2 Blue/Yellow	OS2/APC Green/Yellow
LC Duplex UHD Uniboot to LC Duplex UHD Uniboot				
2	FP3LULU002M	FP4LULU002M	FPSLULU002M	-
LC Duplex to LC Duplex				
2	FP3LDDL002M	FP4LDDL002M	FPSLDDL002M	FPSLALA002M
SC Duplex to SC Duplex				
2	FP3SDSD002M	FP4SDSD002M	FPSSDSD002M	FPSASAA002M
Hybrid: LC Duplex to SC Duplex				
2	FP3LSDSD002M	FP4LSDSD002M	FPSLSDSD002M	FPSLASAA002M

Please visit <https://www.belden.com/products/enterprise/fiber/pre-term-assemblies> for addition lengths and options including hydra assemblies

FX ECX Housings



Description	Number of Module Bays	Total LC Duplex using ECX Frames	Total LC Duplex using ECX Cassettes	Belden Part Number
1U Housing	2 Cassettes or Frames	32	24	ECX-01U
2U Housing	4 Cassettes or Frames	96	72	ECX-02U
4U Housing	12 Cassettes or Frames	192	144	ECX-04U

FX ECX Accessories



Description	Belden Part Number
4U Splice Tray Kit	ECX-SPLICEKIT
4U Rack Mounting Bracket Flush	ECX-BRKTMTNT-0
Door Lock Kit	ECX-LOCKKIT

FX ECX KeyConnect Frames (for Copper Jacks)



Description	Belden Part Number
4 Ports	FFZX04KC
6 Ports	FFZX06KC
Blank Frame	FFZX00BB

Standard FX ECX Frames



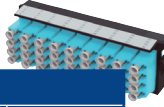
Description-Patch Ports (fibers)	OM1 (Beige Adapters)	OM3 (Aqua Adapters)	OM4 (Erika Violet Adapters)	OS2 (Blue Adapters)	OS2 APC (Green Adapters)
LC Duplex					
6 (12)	FF1X06LD	FF3X06LD	FF4X06LD	FFSX06LD	FFSX06LA
12 (24)	FF1X12LD	FF3X12LD	FF4X12LD	FFSX12LD	FFSX12LA
16 (32)	FF1X16LD	FF3X16LD	FF4X16LD	FFSX16LD	FFSX16LA
SC Duplex					
3 (6)	FF1X03SD	FF3X03SD	FF4X03SD	FFSX03SD	FFSX03SA
6 (12)	FF1X06SD	FF3X06SD	FF4X06SD	FFSX06SD	FFSX06SA

FX ECX Splice Cassettes



Description - Patch Ports (fibers)	OM3 (Aqua Adapters)	OM4 (Erika Violet Adapters)	OS2 (Blue Adapters)	OS2 APC (Green Adapters)
LC Duplex				
6 (12)	FC3X06LDFS	FC4X06LDFS	FCSX06LDFS	FCSX06LAFS
12 (24)	FC3X12LDFS	FC4X12LDFS	FCSX12LDFS	FCSX12LAFS
SC Duplex				
3 (6)	FC3X03SDFS	FC4X03SDFS	FCSX03SDFS	FCSX03SAFS
6 (12)	FC3X06SDFS	FC4X06SDFS	FCSX06SDFS	FCSX06SAFS

Standard FX UHD and FX Ultra Frames



Description		Belden Part Number				
Patch Ports (fibers)	Family	OM1 Beige Adapters	OM3 Aqua Adapters	OM4 Erika Violet Adapters	SM Blue Adapters	SM/APC Green Adapters
MPO Type-A (Key-Up/Key-Down)						
18	FX UHD	-	FF3H18MP	FF4H18MP	-	FFSH18MP
12	FX Ultra	-	FF3U12MP	FF4U12MP	-	FFSU12MP
LC Duplex						
18 (36)	FX UHD	-	FF3H18LD	FF4H18LD	FFSH18LD	FFSH18LA
12 (24)	FX Ultra	FF1U12LD	FF3U12LD	FF4U12LD	FFSU12LD	FFSU12LA
SC Duplex						
6 (12)	FX Ultra	FF1U06SD	FF3U06SD	FF4U06SD	FFSU06SD	FFSU06SA
SC Simplex						
12 (12)	FX Ultra	-	-	-	FFSU12SC	FFSU12SB
ST						
12 (12), Metal	FX Ultra	FFSU12ST				-

FX UHD Housings



Size	# of Module Bays	Total Ports using FX Ultra Frames & Cassettes	Total Ports using FX UHD Frames & Cassettes	Part Number
UHD Housing with Front and Rear Cable Tray, Titanium Finish				
1U	4	48	72	AX104681
2U	8	96	144	AX104682
4U	16	192	288	AX104683
Standard Fixed Shelf, Titanium Finish				
1U	4	48	72	AX105164
4U	10	120	180	AX105166

Standard Splice Cassettes



Description		Belden Part Number				
Patch Ports (fibers)		OM1 Beige Adapters	OM3 Aqua Adapters	OM4 Erika Violet Adapters	SM Blue Adapters	OS2/APC Green Adapters
MPO Type-A (Key-Up/Key-Down)						
12 (144)		FC1H12MPFS	FC3H12MPFS	FC4H12MPFS	-	FCSH12MPFS
LC Duplex						
12 (24)		FC1H12LDFS	FC3H12LDFS	FC4H12LDFS	FCSH12LDFS	FCSH12LAFS
SC Duplex						
6 (12)		FC1H06SDFS	FC3H06SDFS	FC4H06SDFS	FCSH06SDFS	-
SC Simplex						
12 (12)		-	-	-	-	FCSH12SBFS
ST (Metal Adapters)						
12 (12)		FCSH12STFS				-
Splice Only (No Adapters)						
N/A (144)		FCZ00BBFS				

FX UHD Single and Double Cassette Holders



Description	# of Module Bays	Total Ports using FX Ultra	Total Ports using FX UHD	Magnetic	Non-Magnetic
Single Cassette Holder (Black Finish)	1	18	12	FXFUBRSHM	FXFUBRSHS
Double Cassette Holder (Black Finish)	2	36	24	FXFUBRDHM	FXFUBRDHS

Questions?

Contact your local Belden representative, call us at 1.800.BELDEN.1 (1.800.235.3361) or visit www.belden.com