



Copper Solutions

COMMSCOPE®

The Utility Grade Infrastructure (UTG) program has been developed alongside our world-class global Technology partners. These UTG-rated components from CommScope enable you to support building subsystems, technologies and applications in state-of-the-art building environments.

Product Overview

UTG solutions provide a common infrastructure platform optimized for operational technology and high-performance applications.

Full-channel solutions include UTG-rated plenum cabling, RJ45 patch panels, information outlets and patch cords.

UTG Performance

UTG-rated cabling solutions are tested and verified by UL to exceed category performance in a number of areas. Full UTG performance requirements are outlined in the UTG Assurance Program Guide.

Key performance characteristics of UTG-rated solutions include:

Extended transmission distances

- UTG10: 10Mbps at 185m
- UTG20: 10Mbps at 185m
- UTG10: 10Gbps at 50m
- UTG20: 10Gbps at 100m

Higher frames per second (FPS) and lower compression

- UTG10: 150m
- UTG20: 150m

4K UHD streaming at extended distances

- UTG10: 100m
- UTG20: 100m

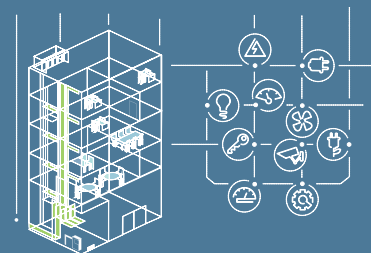
Next-generation Wi-Fi technology

- UTG10: 802.11ac and 802.11ax at 50m
- UTG20: 802.11ac and 802.11ax at 100m

Utility Grade Infrastructure



Support More Technologies with One Cable.



Field Test and Certification

UTG-certified installers have the ability to field test and certify to UTG-specific performance characteristics using test equipment from Fluke Networks. Contact your local Wesco representative for more information.



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Flex Force Rating

Each UTG-rated cable will include a Flex Force rating based on a range of ounce-feet, highlighting the ease of handling for pulling, installing and terminating. See the UTG Assurance Program Guide for more information.

	UTG Flex Force Table		
Flex Force Testing			
Flex Force Rating	Flex Force 3 46-60 oz-ft	Flex Force 2 31-45 oz-ft	Flex Force 1 16-30 oz-ft
Craft Friendliness	Good	Better	Best

Flex Force Rating

- UTG10: Flex Force 2
- UTG20: Flex Force 3

UTG10 Solution

CommScope MID	Wesco Part No.	Product Details
Riser Jacket		
UTG760250766	CMR-423COM-UTG10U-06	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, blue jacket, 1,000 ft.
UTG760250767	CMR-423COM-UTG10U-01	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, white jacket, 1,000 ft.
UTG760250764	CMR-423COM-UTG10U-09	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, slate jacket, 1,000 ft.
UTG760250772	CMR-423COM-UTG10U-02	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, black jacket, 1,000 ft.
Plenum Jacket		
UTG760245085	CMP-423COM-UTG10U-06	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, blue jacket, 1,000 ft.
UTG760245103	CMP-423COM-UTG10U-01	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, white jacket, 1,000 ft.
UTG760245099	CMP-423COM-UTG10U-09	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, slate jacket, 1,000 ft.
UTG760245082	CMP-423COM-UTG10U-02	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, black jacket, 1,000 ft.
LSZH Jacket		
UTG760250749	CMZ-423COM-UTG10U-06	UTG10 premise horizontal cable, 4PR U/UTP, LSZH, 23AWG solid conductors, blue jacket, 1,000 ft.
UTG760250747	CMZ-423COM-UTG10U-01	UTG10 premise horizontal cable, 4PR U/UTP, LSZH, 23AWG solid conductors, white jacket, 1,000 ft.
UTG760250748	CMZ-423COM-UTG10U-09	UTG10 premise horizontal cable, 4PR U/UTP, LSZH, 23AWG solid conductors, slate jacket, 1,000 ft.



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UTG10 Solution

CommScope MID	Wesco Part No.	Product Details
Riser Jacket		
UTG760250788	CMR-423COM-UTG20-06	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, blue jacket, 1,000 ft.
UTG760250789	CMR-423COM-UTG20-01	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, white jacket, 1,000 ft.
UTG760250787	CMR-423COM-UTG20-09	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, slate jacket, 1,000 ft.
UTG760250793	CMR-423COM-UTG20-02	UTG10 premise horizontal cable, 4PR U/UTP, CMR, 23AWG solid conductors, black jacket, 1,000 ft.
Plenum Jacket		
UTG760245085	CMP-423COM-UTG10U-06	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, blue jacket, 1,000 ft.
UTG760245103	CMP-423COM-UTG10U-01	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, white jacket, 1,000 ft.
UTG760245099	CMP-423COM-UTG10U-09	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, slate jacket, 1,000 ft.
UTG760245082	CMP-423COM-UTG10U-02	UTG10 premise horizontal cable, 4PR U/UTP, CMP, 23AWG solid conductors, black jacket, 1,000 ft.
LSZH Jacket		
UTG760250733	CMZ-423COM-UTG20-06	UTG20 premise horizontal cable, 4PR U/UTP, LSZH, D23AWG solid conductors, blue jacket, 1,000 ft.
UTG760250731	CMZ-423COM-UTG20-01	UTG20 premise horizontal cable, 4PR U/UTP, LSZH, 23AWG solid conductors, white jacket, 1,000 ft.
UTG760250732	CMZ-423COM-UTG20-09	UTG20 premise horizontal cable, 4PR U/UTP, LSZH, 23AWG solid conductors, slate jacket, 1,000 ft.
UTG760250734	CMZ-423COM-UTG20-02	UTG20 premise horizontal cable, 4PR U/UTP, LSZH, 23AWG solid conductors, black jacket, 1,000 ft.

For your complete Utility Grade Infrastructure solutions visit Wesco.com/UTG.



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