

UTG SOLUTIONS BRIEF COMMSCOPE



COPPER

The Utility Grade INFRASTRUCTURE (UTGSM) programme has been developed alongside world-class global technology alliance partners. These UTG-rated components from CommScope enable you to support the rapid evolution of technology in today's building environments.

PRODUCT OVERVIEW

CommScope's UTG solutions provide a common infrastructure platform optimised for operational technology and high-performance applications.

Full-channel solutions include UTG-rated halogen-free cabling with CPR rating, 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 Technical Application Guide.

Key performance characteristics of UTG-rated CommScope solutions include:

Extended transmission distances

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

Higher bandwidth capabilities

- UTG10: 450MHz (Exceeds UTG min. 425MHz)
- UTG20: 500MHz

Higher frames per second (FPS) and lower compression

- UTG10: 150m
- UTG20: 150m

Bundling sizes for more PoE applications

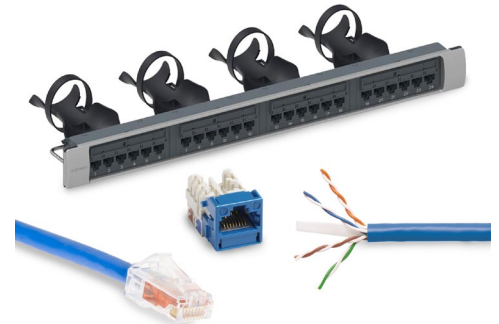
- UTG10: 72 cables
- UTG20: 90 cables

4K UHD streaming at extended distances

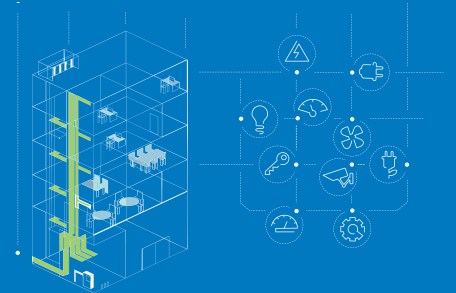
- UTG10: 100m
- UTG20: 100m

Next-generation Wi-Fi technology

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



Support more technologies
with one cable.



Field Test and Certification

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

FLEX FORCE RATING

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

CommScope's Flex Force Rating

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

	UTG FLEX FORCE TABLE		
Flex Force Testing			
Flex Force Rating	FLEX FORCE 3 3.9Nm to 5.5Nm	FLEX FORCE 2 2.6Nm to 3.8Nm	FLEX FORCE 1 1.3Nm to 2.5Nm
Craft Friendliness	GOOD	BETTER	BEST

UTG20 SOLUTION

CommScope PN	Anixter PN	Description
3091B-C-UTG WHT C6A 4/23 U/UTP W1000	CCA-423COM-UTG20U-01	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, white jacket 305m box CCA rated
3091B-C-UTG BLU C6A 4/23 U/UTP W1000	CCA-423COM-UTG20U-06	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, blue jacket 305m box CCA rated
3091B-C-UTG SLT C6A 4/23 U/UTP W1000	CCA-423COM-UTG20U-09	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, slate jacket 305m box CCA rated
3091B-UTG WHT C6A 4/23 U/UTP W1000	DCA-423COM-UTG20U-01	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, white jacket 305m box CCA rated
3091B-UTG BLU C6A 4/23 U/UTP W1000	DCA-423COM-UTG20U-06	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, blue jacket 305m box DCA rated
3091B-UTG SLT C6A 4/23 U/UTP W1000	DCA-423COM-UTG20U-09	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, slate jacket 305m box DCA rated
3091B-UTG BLK C6A 4/23 U/UTP W1000	DCA-423COM-UTG20U-02	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, black jacket 305m box DCA rated
3091B-UTG YEL C6A 4/23 U/UTP W1000	DCA-423COM-UTG20U-05	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, yellow jacket 305m box DCA rated
3091B-UTG GRN C6A 4/23 U/UTP W1000	DCA-423COM-UTG20U-04	UTG 20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, green jacket 305m box DCA rated
MGS600-262	393219	UTG20 Modular jack white
MGS600-003	393214	UTG20 Modular jack black
CPCSSZ2-03F003	MM03-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LZSH jacket 3ft/0.9m length
CPCSSZ2-03F005	MM05-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LZSH jacket 5ft/1.5m length
CPCSSZ2-03F007	MM07-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LZSH jacket 7ft/2.1m length
CPCSSZ2-03F010	MM10-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LZSH jacket 10ft/3m length

UTG10 SOLUTION

CommScope PN	Anixter PN	Description
3071E-C-UTG WHT C6 4/23 U/UTP W1000	CCA-423COM-UTG10U-01	UTG 10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, white jacket 305m box CCA rated
3071E-C-UTG BLU C6 4/23 U/UTP W1000	CCA-423COM-UTG10U-06	UTG 10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, Blue jacket 305m box CCA rated
3071E-C-UTG SLT C6 4/23 U/UTP W1000	CCA-423COM-UTG10U-09	UTG 10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, Slate jacket 305m box CCA rated
3071E-UTG WHT C6 4/23 U/UTP W1000	DCA-423COM-UTG10U-01	UTG 10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, white jacket 305m box DCA rated
3071E-UTG BLU C6 4/23 U/UTP W1000	DCA-423COM-UTG10U-06	UTG 10 PREMISE HORIZONTAL CABLE, 4PR U/UTP LSZH 23AWG SOLID CONDUCTORS, BLUE JACKET 305M BOX DCA RATED
3071E-UTG SLT C6 4/23 U/UTP W1000	DCA-423COM-UTG10U-09	UTG 10 PREMISE HORIZONTAL CABLE, 4PR U/UTP LSZH 23AWG SOLID CONDUCTORS, SLATE JACKET 305M BOX DCA RATED
3071E-UTG YEL C6 4/23 U/UTP W1000	DCA-423COM-UTG10U-05	UTG 10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, yellow jacket 305m box DCA rated
MGS400-262	246748	UTG10 Modular jack white
MGS400-003	246740	UTG10 Modular jack black
CPC3392-03F003	MM03-AV7E-ZS9	UTG10 patchcord, UTP, T568A/B, grey LSZH jacket 3ft/0.9m length
CPC3392-03F005	MM05-AV7E-ZS9	UTG10 PATCHCORD, UTP, T568A/B, GREY LSZH JACKET 5FT/1.5M LENGTH
CPC3392-03F007	MM07-AV7E-ZS9	UTG10 PATCHCORD, UTP, T568A/B, GREY LSZH JACKET 7FT/2.1M LENGTH
CPC3392-03F010	MM10-AV7E-ZS9	UTG10 patchcord, UTP, T568A/B, grey LSZH jacket 10ft/3m length
CPC3392-02F003	MM03-AV7E-ZS6	UTG10 patchcord, UTP, T568A/B, light blue LSZH jacket 3FT/0.9M length
CPC3392-02F005	MM05-AV7E-ZS6	UTG10 patchcord, UTP, T568A/B, light blue LSZH jacket 5ft/1.5m length
CPC3392-02F007	MM07-AV7E-ZS6	UTG10 patchcord, UTP, T568A/B, light blue LSZH jacket 7ft/2.1m length
CPC3392-02F010	MM10-AV7E-ZS6	UTG10 patchcord, UTP, T568A/B, light blue LSZH jacket 10ft/3m length

Note: Additional jacket colours and patch cord lengths available.

FOR MORE DETAILS, VISIT [ANIXTER.COM/EMEA/UTG](https://www.anixter.com/emea/utg)

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