

# UTG SOLUTIONS BRIEF COMMSCOPE



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The Utility Grade INFRASTRUCTURE (UTG<sup>SM</sup>) program 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 LSZH 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 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

#### Extended distances at higher frames per second (FPS) and lower compression

- UTG10: 150m
- UTG20: 150m

#### Greater bundling sizes for more PoE applications

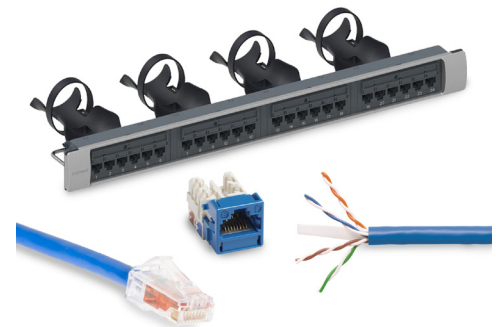
- UTG10: 72 cables
- UTG20: 90 cables

#### 4K UHD streaming at extended distances

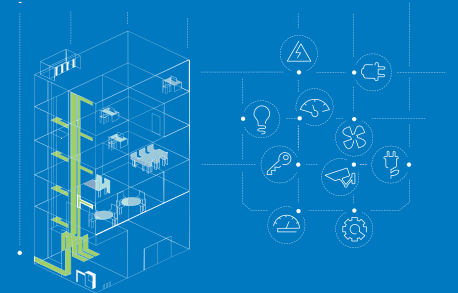
- UTG10: 100m
- UTG20: 100m

#### 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	<b>FLEX FORCE 3</b> 3.9Nm to 5.5Nm	<b>FLEX FORCE 2</b> 2.6Nm to 3.8Nm	<b>FLEX FORCE 1</b> 1.3Nm to 2.5Nm
Craft Friendliness	<b>GOOD</b>	<b>BETTER</b>	<b>BEST</b>

### UTG20 SOLUTION

CommScope Part No.	Anixter Part No.	Description
UTG760250731	CMZ-423COM-UTG20-01	UTG20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, white jacket 305m box
UTG760250732	CMZ-423COM-UTG20-09	UTG20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, slate jacket 305m box
UTG760250733	CMZ-423COM-UTG20-06	UTG20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, blue jacket 305m box
UTG760250734	CMZ-423COM-UTG20-02	UTG20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, black jacket 305m box
UTG760250735	CMZ-423COM-UTG20-05	UTG20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, yellow jacket 305m box
UTG760250736	CMZ-423COM-UTG20-04	UTG20 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, green jacket 305m box
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 LSZH jacket 3ft/0.9m length
CPCSSZ2-03F005	MM05-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LSZH jacket 5ft/1.5m length
CPCSSZ2-03F007	MM07-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LSZH jacket 9ft/2.6m length
CPCSSZ2-03F010	MM10-X10D360-Z9	UTG20 patchcord, UTP, T568A/B, grey LSZH jacket 10ft/3m length

### UTG10 SOLUTION

CommScope Part No.	Anixter Part No.	Description
UTG760250747	CMZ-423COM-UTG10U-01	UTG10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, white jacket 305m box
UTG760250748	CMZ-423COM-UTG10U-09	UTG10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, slate jacket 305m box
UTG760250749	CMZ-423COM-UTG10U-06	UTG10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, blue jacket 305m box
UTG760250750	CMZ-423COM-UTG10U-05	UTG10 premise horizontal cable, 4PR U/UTP LSZH 23AWG solid conductors, yellow jacket 305m box
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 9ft/2.6m 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 9ft/2.6m 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/UTG/APAC](https://www.anixter.com/UTG/APAC)**

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**Legal Statement:** [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

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