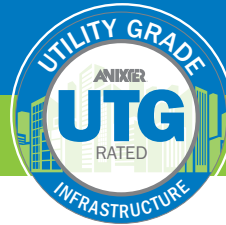


UTG SOLUTIONS BRIEF

BELDEN



BUILDING THE 4TH UTILITY

The Utility Grade INFRASTRUCTURESM program has been developed alongside world-class global technology alliance partners. These UTG-rated components from Belden enable you to support the rapid evolution of technology in today's building environments.

PRODUCT OVERVIEW

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

Full-channel solutions include UTG-rated plenum cabling, RJ-45 jacks and plugs 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 Belden solutions include:

Extended transmission distances

- UTG10: 10Gpbs @ 37m
- UTG20: 10GBps @ 100m

Higher bandwidth capabilities

- UTG10: 450 MHz (Exceeds UTG min. 425 MHz)
- UTG20: 650 MHz (Exceeds UTG min. 500-625 MHz)

Higher frames per second (FPS) and lower compression

- UTG10: 150m
- UTG20: 150m

Bundling sizes for more PoE applications

- UTG10: 72-90 cables
- UTG20: 90-150 cables

4K UHD streaming at extended distances

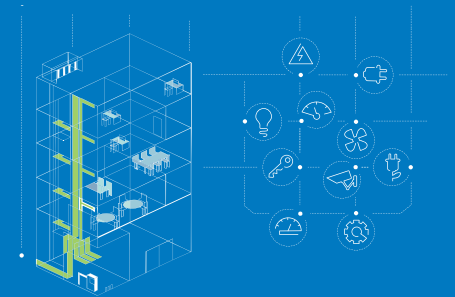
- UTG10: 80m
- UTG20: 100m

Next-generation Wi-Fi technology

- UTG10: 802.11ac and 802.11ax at 37m
- UTG20: 802.11ac and 802.11ax at 100m



Support more technologies
with one cable.



Field Test and Certification

UTG-certified installers 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 ounce-feet, highlighting the ease of handling for pulling, installing and terminating. See the UTG Technical Application Guide for more information.

Belden's Flex Force Rating

- UTG10: Flex Force 1
- UTG20: Flex Force 3

	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

UTG20 SOLUTION

Belden PN	Anixter PN	Product Details
UTG2CUP D15U1000	CMP-0423BNT-UTG20-06	UTG20 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMP, 23 AWG SOLID CONDUCTORS, BLUE JACKET, 1000FT
UTG2CUP 008U1000	CMP-0423BNT-UTG20-09	UTG20 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMP, 23 AWG SOLID CONDUCTORS, GRAY JACKET, 1000FT
UTG2CUP 009U1000	CMP-0423BNT-UTG20-01	UTG20 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMR, 23 AWG SOLID CONDUCTORS, WHITE JACKET, 1000FT
UTG2CUP 010U1000	CMP-0423BNT-UTG20-02	UTG20 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMR, 23 AWG SOLID CONDUCTORS, BLACK JACKET, 1000FT
UTG20RVJUBL-S1	BUTG20RVJUBL-S1	UTG20 REVCONNECT JACK BLUE, UTP T568 A/B, SINGLE PACK
UTG20RVJUBK-S1	BUTG20RVJUBK-S1	UTG20 REVCONNECT JACK ELECTRIC WHITE, UTP T568 A/B, SINGLE PACK
UTG20PCUP06005	MM05-BNTUTG20-06	UTG20 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, BLUE JACKET, 5FT
UTG20PCUP06007	MM07-BNTUTG20-06	UTG20 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, BLUE JACKET, 7FT
UTG20PCUP09005	MM05-BNTUTG20-01	UTG20 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, WHITE JACKET, 5FT
UTG20PCUP09007	MM07-BNTUTG20-01	UTG20 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, WHITE JACKET, 7FT



UTG10 SOLUTION

Belden PN	Anixter PN	Product Details
UTG1CUP D15U1000	CMP-0423BNT-UTG10-06	UTG10 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMP, 23 AWG SOLID CONDUCTORS, BLUE JACKET, 1000FT
UTG1CUP 008U1000	CMP-0423BNT-UTG10-09	UTG10 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMP, 23 AWG SOLID CONDUCTORS, GRAY JACKET, 1000FT
UTG1CUP 009U1000	CMP-0423BNT-UTG10-01	UTG10 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMR, 23 AWG SOLID CONDUCTORS, WHITE JACKET, 1000FT
UTG1CUP 010U1000	CMP-0423BNT-UTG10-02	UTG10 PREMISE HORIZONTAL CABLE, 4PR U/UTP, CMR, 23 AWG SOLID CONDUCTORS, BLACK JACKET, 1000FT
UTG10RVJUBL-S1	BUTG10RVJUBL-S1	UTG10 REVCONNECT JACK BLUE, UTP T568 A/B, SINGLE PACK
UTG10RVJUJEW-S1	BUTG10RVJUJEW-S1	UTG10 REVCONNECT JACK ELECTRIC WHITE, UTP T568 A/B, SINGLE PACK
UTG10PCUP06005	MM05-BNTUTG10-06	UTG10 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, BLUE JACKET, 5FT
UTG10PCUP06007	MM07-BNTUTG10-06	UTG10 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, BLUE JACKET, 7FT
UTG10PCUP09005	MM05-BNTUTG10-01	UTG10 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, WHITE JACKET, 5FT
UTG10PCUP09007	MM07-BNTUTG10-01	UTG10 PATCHCORD, BONDED-PAIR UTP, T568A/B, CMR, WHITE JACKET, 7FT



Note: Additional jacket colors and patch cord lengths available.

ADDITIONAL FEATURES AND SOLUTIONS

- UTG-rated cabling
 - Low insertion loss allows for improved signals
 - Patented separator tape provides excellent signal to noise ratios
- Connectivity solutions
 - Reliable, easy and versatile RJ-45 connectivity
 - The easiest and fastest termination on the market
- Industry-leading patch cords
 - Bonded-pair technology creates the most durable patch cables that maintain performance under physical stress

FOR MORE DETAILS VISIT [ANIXTER.COM/UTG](https://anixter.com/UTG)

About Anixter: anixter.com/aboutus

Legal Statement: anixter.com/legalstatement

At Anixter, we enable the connected world. By building, connecting, powering and protecting valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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