Ultra Slim CAT6 U/UTP Cable

3m

Cable Standard	CAT6
Cable Shielding	U/UTP
Connector 1	RJ-45
Connector 1 Gender	Male
Connector 1 Form Factor	Straight
Connector 2	RJ-45
Connector 2 Gender	Male
Connector 2 Form Factor	Straight
Cable Length	3m
Conductor Type	Stranded
Conductor Material	Copper
Jacket Material	Low Smoke Zero Halogen (LSZH)
Connector Contacts Plating	50U" Gold
AWG Wire Size	28
Outer Diameter	3.6mm
Product Color	Yellow
Weight	0.053g
Cabling Technology	10/100Base-T
Networking standard	IEEE 802.3af
PoE Compatability	PoE, PoE +, PoE ++
Data Transfer Rate	1000 Mbps
Operating Temperature	-20° - 60° C
Storage Temperature	0° - 50° C
Certification	REACH, RoHS, CE
Plug and Play	Yes

Part no. S-6UTP-03Y

The ProXtend Ultra Slim CAT6 U/UTP CU ethernet cables are produced with 99.9% pure copper strands and an AWG of 28 to ensure the absolute best performance.

The cable is reinforced with strain relief and a tangle free latch allowing for secure installation. The 3.6mm ultra slim form of the cable makes it more flexible and ensures a better air flow and cooling performance in complex network systems.

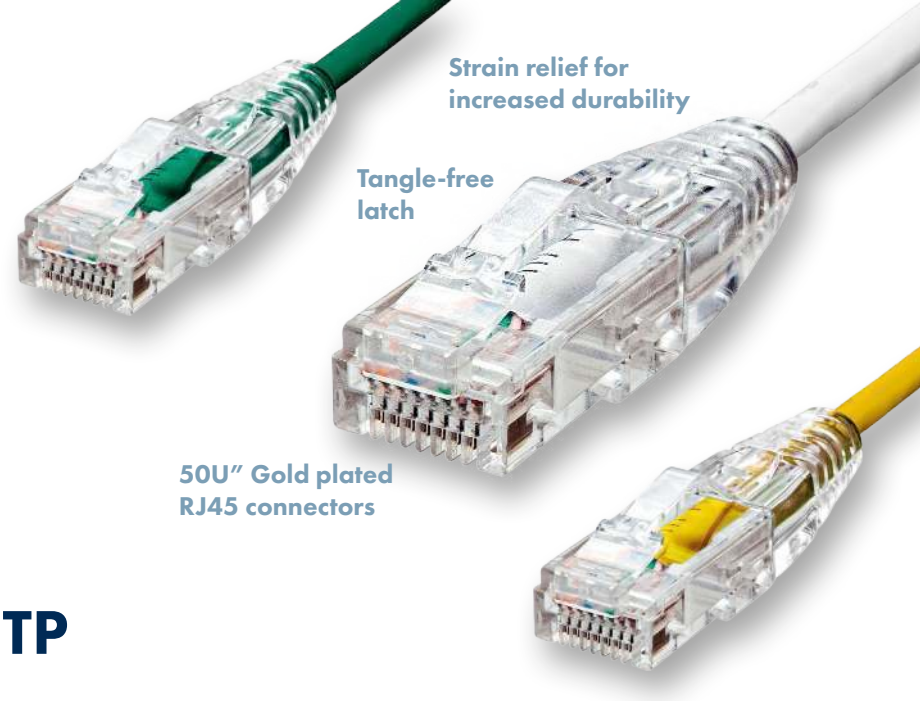
CAT6 | U/UTP | CU | PoE ++ | LSZH

30 YEAR WARRANTY

See more products on

proxtend.com

Network Cables



Ultra Slim CAT6 U/UTP

The ProXtend Ultra Slim CAT6 U/UTP ethernet cables are designed for high density environments (data centers and telecom rooms) where space is limited. Produced with 99.9% pure copper strands and an AWG of 28 ensuring the absolute best performance. The outer jacket of the cable is made from LSZH (Low Smoke Zero Halogen) ensuring low amounts of smoke, toxic fumes, and no acid gasses in case of a fire. The cable is reinforced with strain relief and a tangle free latch allowing for secure installation. The 3.6mm ultra slim cable makes it more flexible and ensures a better air flow and cooling performance in complex network systems.

Plated with 50"U gold, the connector provides more durability and a higher quality transmission rate. A 50"U gold connector can deliver up to 4x more throughput than a standard metal connector. 50"U is the thickest available and most optimal gold plating standard.

All ProXtend Ultra Slim CAT6 U/UTP ethernet cables support PoE++.

Supporting a variety of cable standards, lengths and shieldings, ProXtend is your one stop shop for ethernet cables ensuring that you are always able to find a cable that best suits your network requirements.

30 YEAR WARRANTY

A vast variety of length and colour options

	GREY	WHITE	BLACK	BLUE	GREEN	ORANGE	RED	YELLOW
20 cm	S-6UTP-002G	S-6UTP-002W	S-6UTP-002B	S-6UTP-002BL	S-6UTP-002GR	S-6UTP-002O	S-6UTP-002R	S-6UTP-002Y
25 cm	S-6UTP-0025G	S-6UTP-0025W	S-6UTP-0025B	S-6UTP-0025BL	S-6UTP-0025GR	S-6UTP-0025O	S-6UTP-0025R	S-6UTP-0025Y
30 cm	S-6UTP-003G	S-6UTP-003W	S-6UTP-003B	S-6UTP-003BL	S-6UTP-003GR	S-6UTP-003O	S-6UTP-003R	S-6UTP-003Y
0.5 m	S-6UTP-005G	S-6UTP-005W	S-6UTP-005B	S-6UTP-005BL	S-6UTP-005GR	S-6UTP-005O	S-6UTP-005R	S-6UTP-005Y
0.75 m	S-6UTP-0075G	S-6UTP-0075W	S-6UTP-0075B	S-6UTP-0075BL	S-6UTP-0075GR	S-6UTP-0075O	S-6UTP-0075R	S-6UTP-0075Y
1 m	S-6UTP-01G	S-6UTP-01W	S-6UTP-01B	S-6UTP-01BL	S-6UTP-01GR	S-6UTP-01O	S-6UTP-01R	S-6UTP-01Y
1.5 m	S-6UTP-015G	S-6UTP-015W	S-6UTP-015B	S-6UTP-015BL	S-6UTP-015GR	S-6UTP-015O	S-6UTP-015R	S-6UTP-015Y
2 m	S-6UTP-02G	S-6UTP-02W	S-6UTP-02B	S-6UTP-02BL	S-6UTP-02GR	S-6UTP-02O	S-6UTP-02R	S-6UTP-02Y
3 m	S-6UTP-03G	S-6UTP-03W	S-6UTP-03B	S-6UTP-03BL	S-6UTP-03GR	S-6UTP-03O	S-6UTP-03R	S-6UTP-03Y
4 m	S-6UTP-04G	S-6UTP-04W	S-6UTP-04B	S-6UTP-04BL	S-6UTP-04GR	S-6UTP-04O	S-6UTP-04R	S-6UTP-04Y
5 m	S-6UTP-05G	S-6UTP-05W	S-6UTP-05B	S-6UTP-05BL	S-6UTP-05GR	S-6UTP-05O	S-6UTP-05R	S-6UTP-05Y

A-BRAND QUALITY — COMPETITIVE PRICES — EXTENDED WARRANTY — EXPRESS DELIVERY — PRODUCT SUPPORT & KNOW HOW — MARKETING SUPPORT

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ProXtend

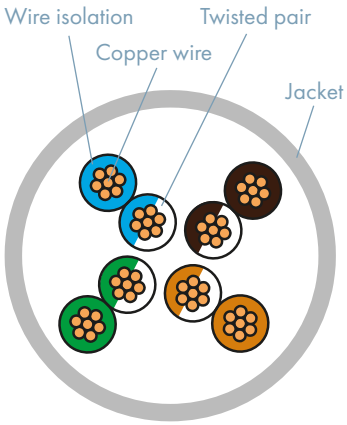
Twisted pair
Network Cables

A standard network cable contains eight strands twisted into four pairs.

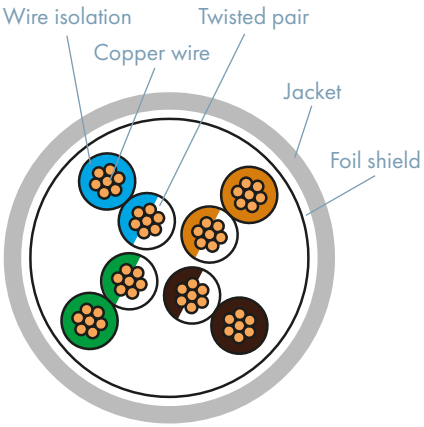
The twisting of the pairs and an electronically conductive shield not only reduce the likelyhood of cross-talk between neighboring pairs of conductors within the cable, but also cause the cable to be more reselient to interference from external magnetic altering fields, which can be caused by any cables that conduct electricity.

Jacket

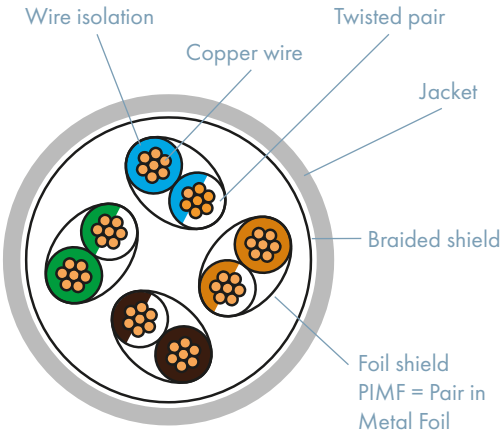
ProXtend supports three main types of materials used for network cable jackets: PVC (Polyvinyl Chloride), PE (Polyethylene) and LSZH, also known as LS0H (Low Smoke Zero Halogen). Although PVC cables are softer, flexible and easier to handle, the LSZH cables are firmer and less flexible due to their flame retardant compound. The halogen-free jacket of LSZH network cables does not produce dangerous gas, smoke or acid in case of fire and is in many cases becoming a requirement in systems where the protection of people and equipment from toxic and corrosive gasses is critical. The PE jacket is resistant to weathering and UV radiation, which makes it the most common option for outdoor cable systems.



U/UTP



F/UTP



S/FTP

Shielding

The two basic types of cables are shielded and unshielded. In contrast to the shielded cables, the unshileded cables offer a lesser quality transmission rate, which becomes noticable at high transmission rates and over long lines. A shielded cable, or a twisted pair, is wrapped in a foil screen which protects the cable from electromagnetic interference (EMI). A cable's shielding can easily be deciphered once the naming convention is understood. The part of the name before the slash (/) signifies the shielding of the outer cable jacket which can be U (unshielded), F (foil shielded), S (braided shield), SF (braided and foil shielded); while the part of the name after the slash signifies the type of shielding of the twisted pairs (TP). The twisted pair shielding can be U (unshielded), F (foil shielded) and S (braided shield). As an example, a U/UTP cable translates to unshielded outer jacket/unshielded twisted pairs.

Categories

Twisted pair network cables are standardized and divided into different categories based on performance.

CATEGORY	MAX. DATA RATE	BANDWITH	APPLICATION
CAT 5e	1 Gbps	100 MHz	1GBase-T
CAT 6	1 Gbps	250 MHz	1GBase-T, 155-MBit-ATM, 622-MBit-ATM
CAT 6a	10 Gbps	500 MHz	10GBase-T
CAT 7	10 Gbps	600 MHz	10GBase-T