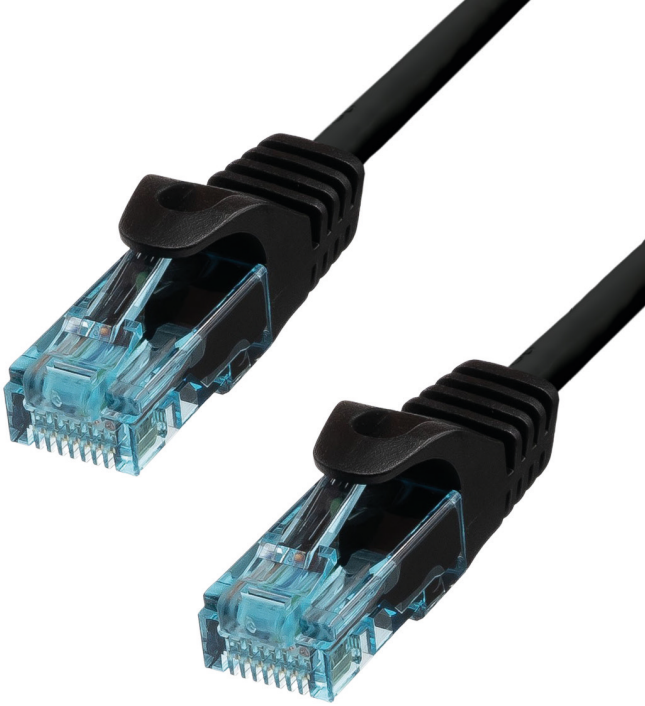
CAT6A U/UTP Cable

10m



Cable Standard	CAT6A
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	10m
Conductor Type	Stranded
Conductor Material	Copper
Jacket Material	Low Smoke Zero Halogen (LSZH)
Connector Contacts Plating	50U" Gold
AWG Wire Size	24
Outer Diameter	6mm
Product Color	Black
Weight	396g
Cabling Technology	10/100/1000Base-T(X)/10GBase-T
Networking standard	IEEE 802.3at
PoE Compatability	PoE, PoE +
Data Transfer Rate	10000 Mbps
Operating Temperature	-10° - 60° C
Storage Temperature	-15° - 60° C
Certification	REACH, RoHS, CE
Plug and Play	Yes

Part no. 6AUTP-10B

The ProXtend CAT6A U/UTP CU ethernet cables are produced with 99.9% pure copper strands and an AWG of 24 to ensure 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 for increased durability and a snagless latch protection allowing for secure installation.

CAT6A | U/UTP | CU | LSZH | PoE +

30 YEAR WARRANTY

See more products on
proxtend.com

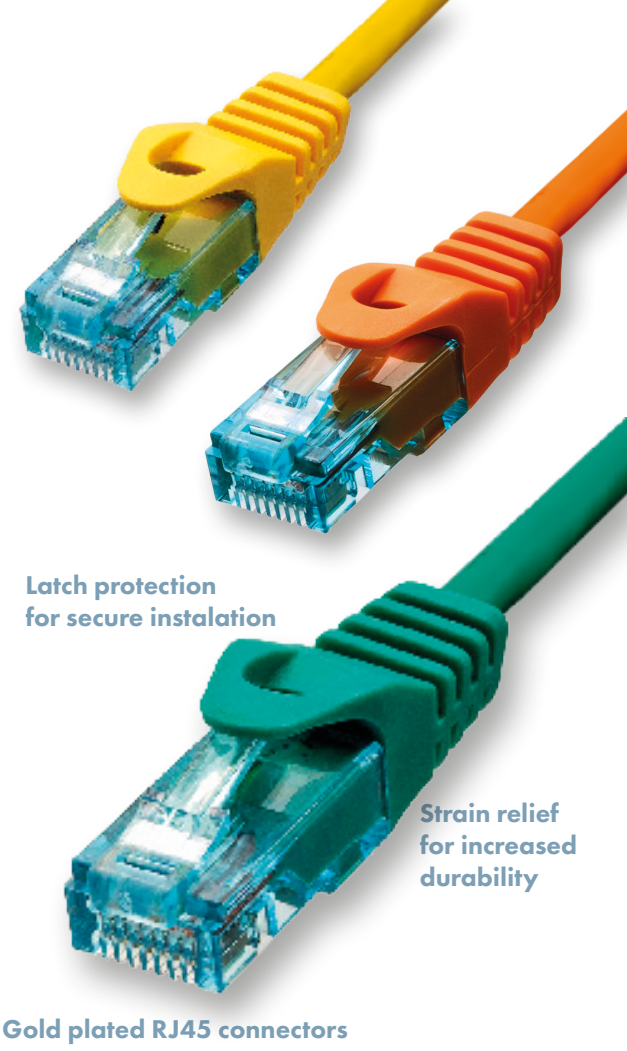
Network cables

CAT6A U/UTP CU

The ProXtend CAT6A U/UTP CU ethernet cables are produced with 99.9% pure copper strands and an AWG of 24 to ensure 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 for increased durability and a snagless latch protection allowing for secure installation. 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.

All ProXtend CAT6A U/UTP CU ethernet cables support PoE+.



30 YEAR WARRANTY

A vast variety of length and colour options

	GREY	WHITE	BLACK	BLUE	GREEN	ORANGE	RED	YELLOW
	Grey	White	Black	Blue	Green	Orange	Red	Yellow
20cm	6AUTP-002G	6AUTP-002W	6AUTP-002B	6AUTP-002BL	6AUTP-002GR	6AUTP-002O	6AUTP-002R	6AUTP-002Y
25cm	6AUTP-0025G	6AUTP-0025W	6AUTP-0025B	6AUTP-0025BL	6AUTP-0025GR	6AUTP-0025O	6AUTP-0025R	6AUTP-0025Y
30cm	6AUTP-003G	6AUTP-003W	6AUTP-003B	6AUTP-003BL	6AUTP-003GR	6AUTP-003O	6AUTP-003R	6AUTP-003Y
0.5m	6AUTP-005G	6AUTP-005W	6AUTP-005B	6AUTP-005BL	6AUTP-005GR	6AUTP-005O	6AUTP-005R	6AUTP-005Y
0,75m	6AUTP-0075G	6AUTP-0075W	6AUTP-0075B	6AUTP-0075BL	6AUTP-0075GR	6AUTP-0075O	6AUTP-0075R	6AUTP-0075Y
1m	6AUTP-01G	6AUTP-01W	6AUTP-01B	6AUTP-01BL	6AUTP-01GR	6AUTP-01O	6AUTP-01R	6AUTP-01Y
1.5m	6AUTP-015G	6AUTP-015W	6AUTP-015B	6AUTP-015BL	6AUTP-015GR	6AUTP-015O	6AUTP-015R	6AUTP-015Y
2m	6AUTP-02G	6AUTP-02W	6AUTP-02B	6AUTP-02BL	6AUTP-02GR	6AUTP-02O	6AUTP-02R	6AUTP-02Y
3m	6AUTP-03G	6AUTP-03W	6AUTP-03B	6AUTP-03BL	6AUTP-03GR	6AUTP-03O	6AUTP-03R	6AUTP-03Y
5m	6AUTP-05G	6AUTP-05W	6AUTP-05B	6AUTP-05BL	6AUTP-05GR	6AUTP-05O	6AUTP-05R	6AUTP-05Y
7M	6AUTP-07G	6AUTP-07W	6AUTP-07B	6AUTP-07BL	6AUTP-07GR	6AUTP-07O	6AUTP-07R	6AUTP-07Y
10m	6AUTP-10G	6AUTP-10W	6AUTP-10B	6AUTP-10BL	6AUTP-10GR	6AUTP-10O	6AUTP-10R	6AUTP-10Y
15m	6AUTP-15G	6AUTP-15W	6AUTP-15B	6AUTP-15BL	6AUTP-15GR	6AUTP-15O	6AUTP-15R	6AUTP-15Y
20m	6AUTP-20G	6AUTP-20W	X	X	X	X	X	X
25m	6AUTP-25G	6AUTP-25W	X	X	X	X	X	X
30m	6AUTP-30G	6AUTP-30W	X	X	X	X	X	X

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

proxtend.com

ProXtend

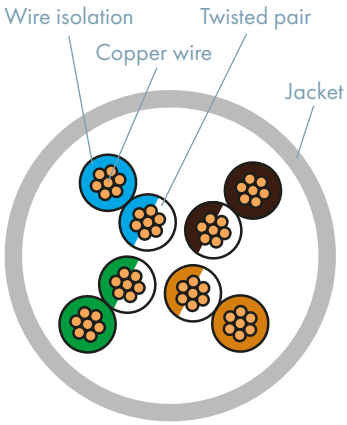
Twisted pair
Network Cables

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

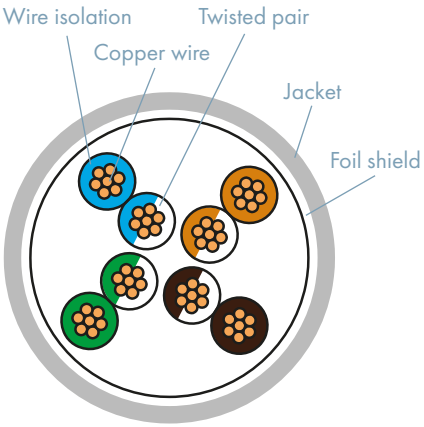
The twisting of the pairs and an electronically conductive shield not only reduce the likelyhood of cross-talk between neighboring pairs of conductors within the cable, but also cause the cable to be more reselient to interference from external magnetic altering fields, which can be caused by any cables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

Jacket

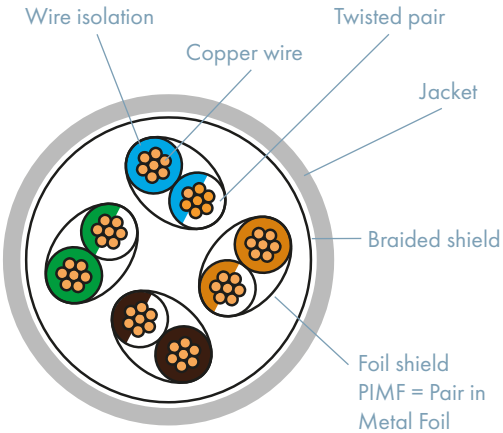
ProXtend supports three main types of materials used for network cable jackets: PVC (Polyvinyl Chloride), PE (Polyethylene) and LSZH, also known as LS0H (Low Smoke Zero Halogen). Although PVC cables are softer, flexible and easier to handle, the LSZH cables are firmer and less flexible due to their flame 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