CAT5e U/UTP Cable
0.5m

Cable Standard	CAT5e
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	0.5m
Conductor Type	Stranded
Conductor Material	Copper
Jacket Material	Polyvinyl chloride (PVC)
Connector Contacts Plating	50U" Gold
AWG Wire Size	24
Outer Diameter	5.4mm
Product Color	Red
Weight	34g
Cabling Technology	10/100/1000Base-T(X)
Networking standard	IEEE 802.3at
PoE Compatability	PoE, PoE +
Data Transfer Rate	1000 Mbps
Operating Temperature	-10° - 60° C
Storage Temperature	-15° - 60° C
Certification	REACH, RoHS, CE
Plug and Play	Yes

Part no. 5UTP-005R

The ProXtend CAT5e 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 cable is reinforced with strain relief for increased durability and a snagless latch protection allowing for secure installation.

CAT5e | U/UTP | CU | PoE +

30 YEAR WARRANTY

See more products on
proxtend.com

Network cables

CAT5e U/UTP CU

The ProXtend CAT5e 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 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 CAT5e 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
30cm	5UTP-003G	5UTP-003W	5UTP-003B	5UTP-003BL	5UTP-003GR	5UTP-003O	5UTP-003R	5UTP-003Y
0.5m	5UTP-005G	5UTP-005W	5UTP-005B	5UTP-005BL	5UTP-005GR	5UTP-005O	5UTP-005R	5UTP-005Y
1m	5UTP-01G	5UTP-01W	5UTP-01B	5UTP-01BL	5UTP-01GR	5UTP-01O	5UTP-01R	5UTP-01Y
1.5m	5UTP-015G	5UTP-015W	5UTP-015B	5UTP-015BL	5UTP-015GR	5UTP-015O	5UTP-015R	5UTP-015Y
2m	5UTP-02G	5UTP-02W	5UTP-02B	5UTP-02BL	5UTP-02GR	5UTP-02O	5UTP-02R	5UTP-02Y
3m	5UTP-03G	5UTP-03W	5UTP-03B	5UTP-03BL	5UTP-03GR	5UTP-03O	5UTP-03R	5UTP-03Y
5m	5UTP-05G	5UTP-05W	5UTP-05B	5UTP-05BL	5UTP-05GR	5UTP-05O	5UTP-05R	5UTP-05Y
7M	5UTP-07G	5UTP-07W	5UTP-07B	5UTP-07BL	5UTP-07GR	5UTP-07O	5UTP-07R	5UTP-07Y
10m	5UTP-10G	5UTP-10W	5UTP-10B	5UTP-10BL	5UTP-10GR	5UTP-10O	5UTP-10R	5UTP-10Y
15m	5UTP-15G	5UTP-15W	5UTP-15B	5UTP-15BL	5UTP-15GR	5UTP-15O	5UTP-15R	5UTP-15Y
20m	5UTP-20G	5UTP-20W	X	X	X	X	X	X
25m	5UTP-25G	5UTP-25W	X	X	X	X	X	X
30m	5UTP-30G	5UTP-30W	X	X	X	X	X	X

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

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ProXtend

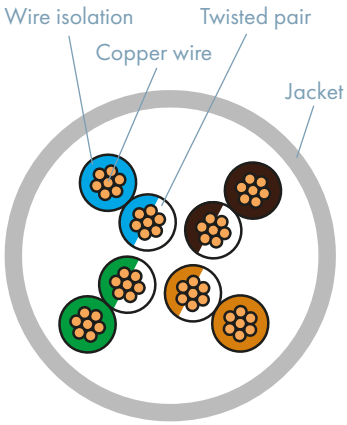
Twisted pair
Network Cables

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

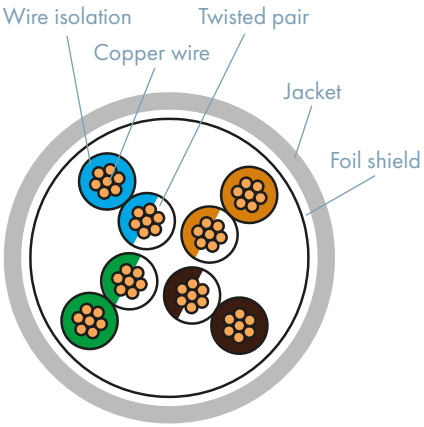
The twisting of the pairs and an electronically conductive shield not only reduce the likelyhood of cross-talk between neighboring pairs of conductors within the cable, but also cause the cable to be more reselient to interference from external magnetic altering fields, which can be caused by any cables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

Jacket

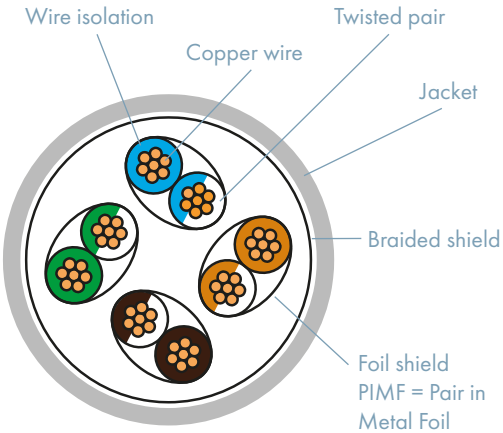
ProXtend supports three main types of materials used for network cable jackets: PVC (Polyvinyl Chloride), PE (Polyethylene) and LSZH, also known as LS0H (Low Smoke Zero Halogen). Although PVC cables are softer, flexible and easier to handle, the LSZH cables are firmer and less flexible due to their flame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