CAT6A S/FTP Cable
1.5m

Cable Standard	CAT6A
Cable Shielding	S/FTP
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	1.5m
Conductor Type	Stranded
Conductor Material	Copper
Jacket Material	Low Smoke Zero Halogen (LSZH)
Connector Contacts Plating	50U" Gold
AWG Wire Size	26
Outer Diameter	6mm
Product Color	Red
Weight	68g
Cabling Technology	10/100/1000Base-T(X)
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. 6SFTP-015R

The ProXtend CAT6A S/FTP CU ethernet cables are produced with 99.9% pure copper strands and an AWG of 26 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 also wrapped in a foil screen that enables protection against electromagnetic interference (EMI), and reinforced with strain relief for increased durability and a snagless latch protection allowing secure installation.

CAT6A | S/FTP | CU | LSZH | PoE +

30 YEAR WARRANTY

See more products on
proxtend.com

Network cables

CAT6A S/FTP CU

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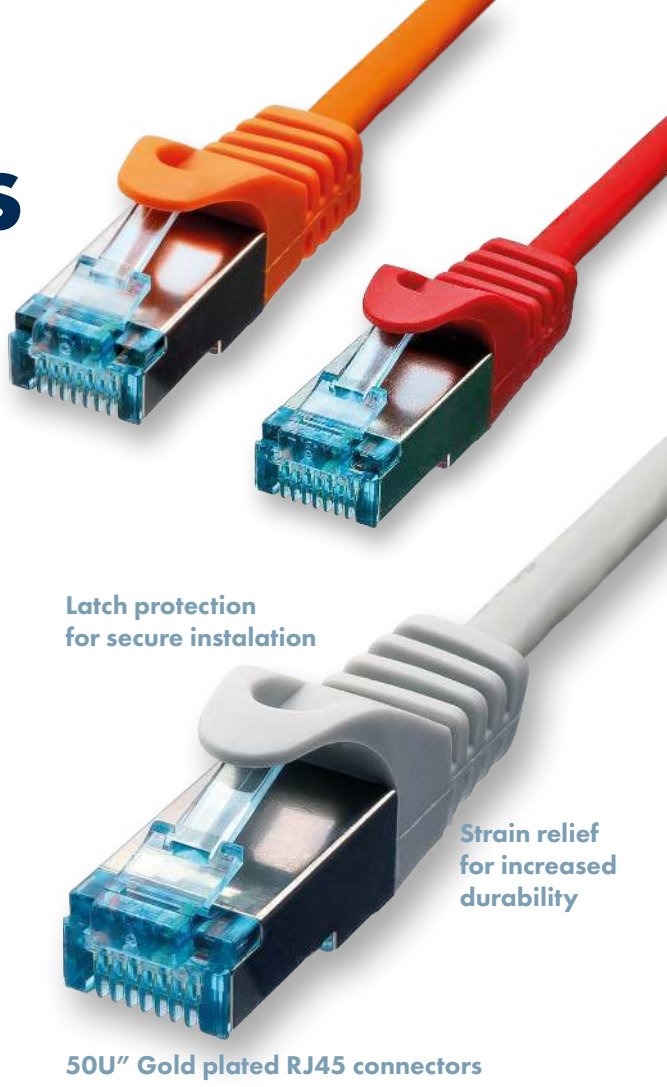
Plated with 50"U gold, the connector provides more durability and a higher quality transmission rate. A 50"U gold connector can deliver up to 4x more throughput than a standard metal connector. 50"U is the thickest available and most optimal gold plating.

All ProXtend CAT6 S/FTP CU ethernet cables support PoE+.

30 YEAR WARRANTY



A vast variety of length and colour options

	GREY	WHITE	BLACK	BLUE	GREEN	ORANGE	RED	YELLOW
20 cm	6ASFTP-002G	6ASFTP-002W	6ASFTP-002B	6ASFTP-002BL	6ASFTP-002GR	6ASFTP-002O	6ASFTP-002R	6ASFTP-002Y
25 cm	6ASFTP-0025G	6ASFTP-0025W	6ASFTP-0025B	6ASFTP-0025BL	6ASFTP-0025GR	6ASFTP-0025O	6ASFTP-0025R	6ASFTP-0025Y
30 cm	6ASFTP-003G	6ASFTP-003W	6ASFTP-003B	6ASFTP-003BL	6ASFTP-003GR	6ASFTP-003O	6ASFTP-003R	6ASFTP-003Y
0.5 m	6ASFTP-005G	6ASFTP-005W	6ASFTP-005B	6ASFTP-005BL	6ASFTP-005GR	6ASFTP-005O	6ASFTP-005R	6ASFTP-005Y
0.75 m	6ASFTP-0075G	6ASFTP-0075W	6ASFTP-0075B	6ASFTP-0075BL	6ASFTP-0075GR	6ASFTP-0075O	6ASFTP-0075R	6ASFTP-0075Y
1 m	6ASFTP-01G	6ASFTP-01W	6ASFTP-01B	6ASFTP-01BL	6ASFTP-01GR	6ASFTP-01O	6ASFTP-01R	6ASFTP-01Y
1.5 m	6ASFTP-015G	6ASFTP-015W	6ASFTP-015B	6ASFTP-015BL	6ASFTP-015GR	6ASFTP-015O	6ASFTP-015R	6ASFTP-015Y
2 m	6ASFTP-02G	6ASFTP-02W	6ASFTP-02B	6ASFTP-02BL	6ASFTP-02GR	6ASFTP-02O	6ASFTP-02R	6ASFTP-02Y
3 m	6ASFTP-03G	6ASFTP-03W	6ASFTP-03B	6ASFTP-03BL	6ASFTP-03GR	6ASFTP-03O	6ASFTP-03R	6ASFTP-03Y
5 m	6ASFTP-05G	6ASFTP-05W	6ASFTP-05B	6ASFTP-05BL	6ASFTP-05GR	6ASFTP-05O	6ASFTP-05R	6ASFTP-05Y
7 m	6ASFTP-07G	6ASFTP-07W	6ASFTP-07B	6ASFTP-07BL	6ASFTP-07GR	6ASFTP-07O	6ASFTP-07R	6ASFTP-07Y
10 m	6ASFTP-10G	6ASFTP-10W	6ASFTP-10B	6ASFTP-10BL	6ASFTP-10GR	6ASFTP-10O	6ASFTP-10R	6ASFTP-10Y
15 m	6ASFTP-15G	6ASFTP-15W	6ASFTP-15B	6ASFTP-15BL	6ASFTP-15GR	6ASFTP-15O	6ASFTP-15R	6ASFTP-15Y
20 m	6ASFTP-20G	6ASFTP-20W	X	X	X	X	X	X
25 m	6ASFTP-25G	6ASFTP-25W	X	X	X	X	X	X
30 m	6ASFTP-30G	6ASFTP-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

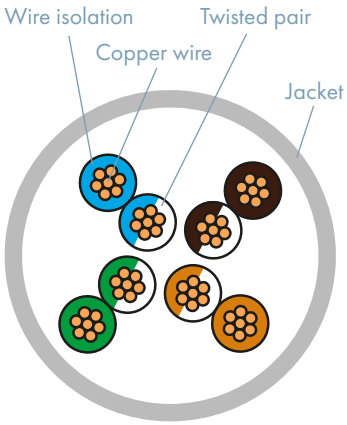
Twisted pair
Network Cables

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

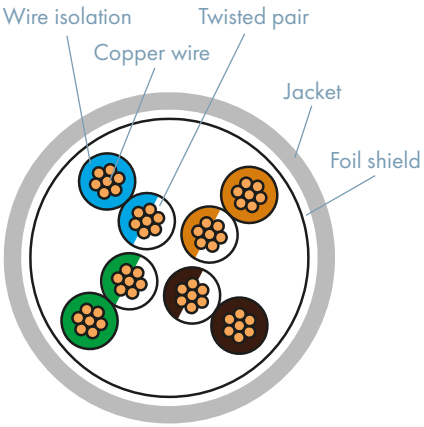
The twisting of the pairs and an electronically conductive shield not only reduce the likelyhood of cross-talk between neighboring pairs of conductors within the cable, but also cause the cable to be more reselient to interference from external magnetic altering fields, which can be caused by any cables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

Jacket

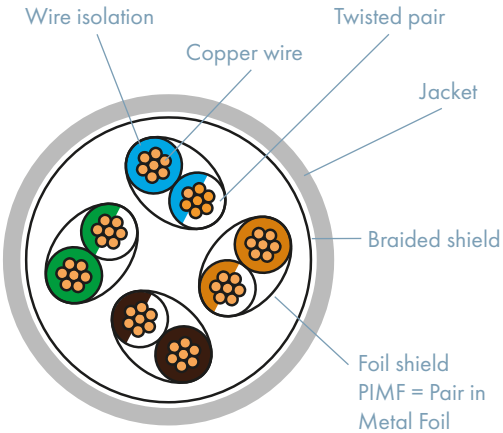
ProXtend supports three main types of materials used for network cable jackets: PVC (Polyvinyl Chloride), PE (Polyethylene) and LSZH, also known as LS0H (Low Smoke Zero Halogen). Although PVC cables are softer, flexible and easier to handle, the LSZH cables are firmer and less flexible due to their flame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