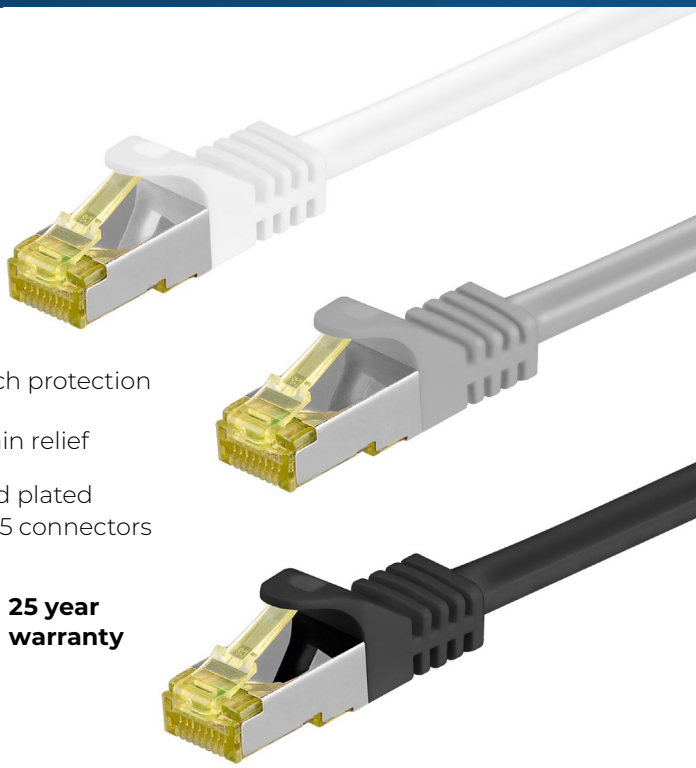
Micro Connect®
Reliable Connectivity

CAT7 S/FTP CU

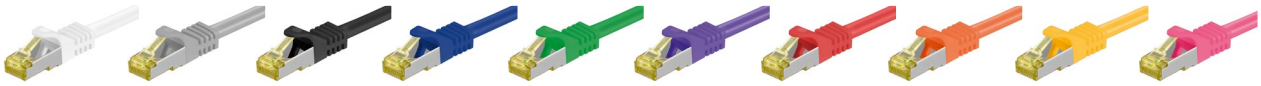


MicroConnect's CAT7 S/FTP CU Ethernet cables are constructed with pure copper strands and 26 AWG for exceptional performance and reliability. The outer jacket is made from LSZH (Low Smoke Zero Halogen) material, ensuring minimal smoke, toxic fumes, and no acid gases in the event of a fire. These cables feature a foil shield around each pair and an overall braided shield, making them ideal for environments with high levels of electromagnetic interference (EMI). They also include strain relief and latch protection to ensure a secure connection. Available in various lengths and configurations, MicroConnect provides the perfect CAT7 Ethernet cable to meet your most demanding networking needs.

- Latch protection
- Strain relief
- Gold plated RJ45 connectors

25 year warranty

A wide selection of lengths and colors



LENGTH	WHITE	GREY	BLACK	BLUE	GREEN	PURPLE	RED	ORANGE	YELLOW	PINK
0.25 m	SFTP70025W	SFTP70025	SFTP70025S	SFTP70025B	SFTP70025G	SFTP70025P	SFTP70025R	SFTP70025O	SFTP70025Y	–
0.5 m	SFTP7005W	SFTP7005	SFTP7005S	SFTP7005B	SFTP7005G	–	SFTP7005R	SFTP7005O	SFTP7005Y	–
1 m	SFTP701W	SFTP701	SFTP701S	SFTP701B	SFTP701G	SFTP701P	SFTP701R	SFTP701O	SFTP701Y	–
1.5 m	SFTP7015W	SFTP7015	SFTP7015S	SFTP7015B	SFTP7015G	–	SFTP7015R	SFTP7015O	SFTP7015Y	SFTP7015PI
2 m	SFTP702W	SFTP702	SFTP702S	SFTP702B	SFTP702G	–	SFTP702R	SFTP702O	SFTP702Y	SFTP702PI
3 m	SFTP703W	SFTP703	SFTP703S	SFTP703B	SFTP703G	SFTP703P	SFTP703R	SFTP703O	SFTP703Y	–
5 m	SFTP705W	SFTP705	SFTP705S	SFTP705B	SFTP705G	SFTP705P	SFTP705R	SFTP705O	SFTP705Y	SFTP705PI
7.5 m	SFTP7075W	SFTP7075	SFTP7075S	SFTP7075B	SFTP7075G	–	SFTP7075R	SFTP7075O	SFTP7075Y	–
10 m	SFTP710W	SFTP710	SFTP710S	SFTP710B	SFTP710G	–	SFTP710R	SFTP710O	SFTP710Y	–
15 m	SFTP715W	SFTP715	SFTP715S	SFTP715B	SFTP715G	–	SFTP715R	SFTP715O	SFTP715Y	–
20 m	SFTP720W	SFTP720	SFTP720S	SFTP720B	SFTP720G	–	SFTP720R	SFTP720O	SFTP720Y	–
25 m	–	SFTP725	SFTP725S	–	–	–	–	–	–	–
30 m	–	SFTP730	SFTP730S	SFTP730B	SFTP730G	–	–	–	SFTP730Y	–

SCAN QR

Try our cable guide

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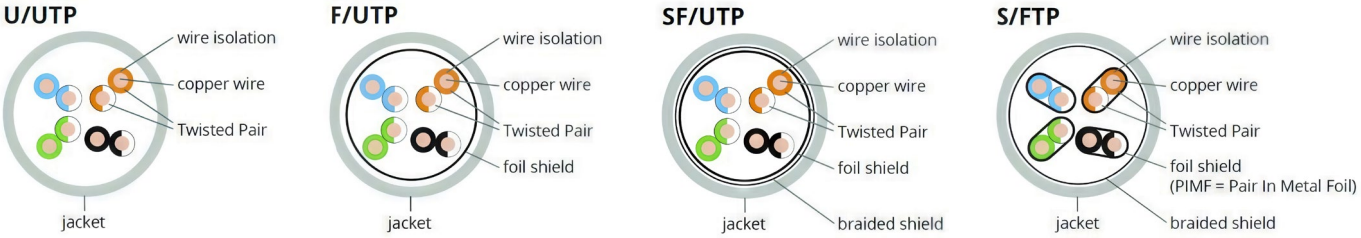
Twisted Pair Network Cables

MicroConnect network cables always consists of eight strands twisted into four pairs. The twisting of these pairs, along with an electronically conductive shield, minimizes the likelihood of cross-talk between neighboring conductors within the cable. This design also enhances the cable's resilience to interference from external magnetic fields, which can be generated by nearby electrical cables.

Jacket

MicroConnect offers three primary types of materials for network cable jackets: PVC (Polyvinyl Chloride), PE (Polyethylene), and LSZH, also known as LS0H (Low Smoke Zero Halogen). While PVC cables are softer, more flexible, and easier to handle, LSZH cables are firmer and less flexible due to their flame-retardant composition. The halogen-free jacket of LSZH cables does not emit dangerous gases, smoke, or acid in the event of a fire, making them increasingly essential in systems where protecting people and equipment from toxic and corrosive gases is critical. The PE jacket, on the other hand, is resistant to weathering and UV radiation, making it the preferred choice for outdoor cable systems.



Shielding

There are two primary types of network cables: shielded and unshielded. Unshielded cables typically offer lower transmission quality, especially at high data rates or over long distances. In contrast, shielded cables, often called twisted pairs, are wrapped in a foil screen that protects against electromagnetic interference (EMI). Understanding a cable's shielding is straightforward once knowing the naming convention. The first letter before the slash (/) indicates the shielding of the outer cable jacket: U (unshielded), F (foil shielded), S (braided shield), or SF (braided and foil shielded). The letter after the slash denotes the shielding of the twisted pairs (TP): U (unshielded), F (foil shielded), or S (braided shielded). For example, a U/UTP cable means an unshielded outer jacket with unshielded twisted pairs.

Categories

Twisted pair network cables are categorized into different standards based on their performance, which can be seen in the illustration to the right.

CATEGORY	MAX. DATA RATE	BANDWITH	APPLICATION
CAT 5e	1 Gbps	100 MHz	1 GBase-T
CAT 6	1 Gbps	250 MHz	1 GBase-T, 155-MBit-ATM, 622-MBit-ATM
CAT 6a	10 Gbps	500 MHz	10 GBase-T
CAT 7	10 Gbps	600 MHz	10 GBase-T
CAT 81	25 Gbps	2000 MHz	25 GBase-T