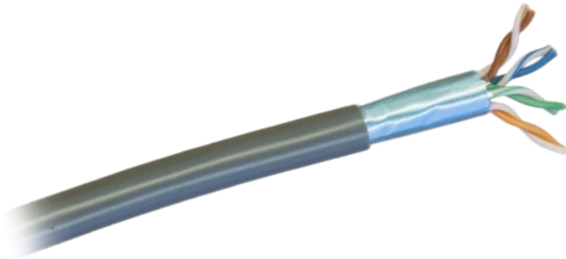




Copper Structured Cabling

Category 5e F/UTP Patch Cords



Linxcom Foiled Twisted Pair (FTP) Category 5E (CAT5-Enhanced) are constructed of shielded 4-pair copper cable and is a 24 American Wire Gauge (AWG) used ideally for Gigabit Ethernet, Multimedia, video, voice and data.

Each Category 5e patch cord end is assembled with modular RJ - 45 plug and colour matched strain relief boots.



Features & Benefits

- UL Certified
- 4 pairs twisted pair cable
- Provides enhanced EMC protection and improved alien crosstalk performance
- All cables meet or exceed the requirement proposed by TIA /EIA 568 B .2 ,ISO/IEC 11801 Category 5e
- Pre-terminated with 8W plugs
- Available in variety of lengths and colours
- the cross frameworks are stripped to match corresponding colour pairs
- Ultra smooth jacket makes this cable easy to pull in tight spaces

Application

- POTS, T1&Tq fractional
- ASDN basic & primary rate
- 4/16 Mbps Token Ring (IEEE802.5)
- 10 BASE-T (IEEE802.3)
- 100 Mbps TP-PMD
- 52/155 Mbps ATM (ATM Forum)
- 100 BASE-T4 (Fast Ethernet)
- 100 VG-Any LAN (IEEE802.12)
- 100 BASE-T (Fast Ethernet)

Colouring

| Pair 1 | Pair 2 | Pair 3 | Pair 4 |
|------------------|----------------------|--------------------|--------------------|
| Blue, Blue/White | Orange, Orange/White | Green, Green/White | Brown, Brown/White |

Mechanical Characteristics

| Cable | |
|-----------------------------|-------------------------|
| Conductor Size (AWG) | 24 stranded bare copper |
| Dielectric Material | PE |
| Diameter of Dielectric Core | 7*0.16mm |
| External Diameter | 5.5±0.2mm |
| Sheath Material | PVC or LSZH |
| Temperature Range | -20°C to +60°C |



Copper Structured Cabling

Category 5e F/UTP Patch Cords



Mechanical Characteristics (cont.)

| | | Plug |
|------------------|----------------------|------|
| Operating Life | 750 Insertion Cycles | |
| Contact Material | Phosphor Bronze | |
| Contact Plating | 60 micro-inch Gold | |
| Housing Material | PC UL94V-0 | |

Electrical Characteristics

| | |
|---------------------------------|----------------|
| Voltage | 150V |
| Current | 1.5A |
| Contact Resistance | Max 20mΩ |
| Insulation Resistance | 500mΩ |
| Dielectric Withstanding Voltage | 1000V RMS |
| Operating Temperature | -40°C to +85°C |

Ordering Information

Using the available configurations amend/create a part number using the formula below.

| Construction | | Patch Cord | | Length | |
|--------------|-----------|------------|-----------|-----------------|------------|
| FTP (F/UTP) | FTP | Patch Cord | CPC | 0.5m | 0.5 |
| | | | | 1m | 1 |
| | | | | 2m | 2 |
| | | | | ... | ... |
| | | | | 80m | 80 |
| FTP | 5E | CPC | BL | 01 | LS |
| Category | | Colour | | Jacket Material | |
| Category 5e | 5E | Grey | GY | PVC | PVC |
| (CAT5e) | | Red | RD | LSZH | LS |
| | | Green | GR | | |
| | | Blue | BL | | |
| | | Yellow | YE | | |
| | | Orange | OR | | |
| | | White | WH | | |
| | | Black | BK | | |
| | | Purple | PU | | |
| | | Pink | PK | | |

Example: **FTP5EPCBL01LS** – Category 5e Foiled Twisted Pair Patch Cable Blue LSZH Jacket 1m

For any queries, please contact the Linxcom team using the details below.