

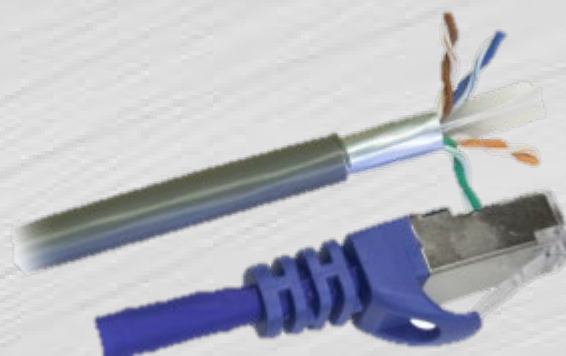
Copper structured cabling

Category 6 F/UTP Patch Cords

Foiled Twisted Pair (FTP) Category 6 Patch Cord conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E.

It has been tested up to 250 MHz, and is designed for high speed protocols such as ATM 622 Mbps and Gigabit Ethernet 1000 Mbps applications.

The patch cord is comprised of flexible patch cable and is terminated with two modular plugs along with moulded snag-less boots.



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)
- 1Gbps Ethernet

Features & Benefits

- Snagless design prevents locking tabs from breaking off
- 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 6
- Pre-terminated with 8W plugs
- Available in variety of lengths and colours
- the cross frameworks are stripped to match corresponding colour pairs
- Backwards compatible with Category 5e



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Mechanical Characteristics

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
Operating Life	1000 Insertion Cycles
Contact Material	Phosphor Bronze
Contact Plating	60 micro-inch Gold
Housing Material	PC UL94V-0
Operating Life	1000 Insertion Cycles

Electrical Characteristics

Voltage	150V
Current	1.5A
Contact Resistance	Max 100mΩ
Insulation Resistance	1000mΩ
Dielectric Withstanding Voltage	1000V (AC 700V) RMS
Operating Temperature	-40°C to +85°C

Colouring

Pair 1	Pair 1	Pair 1	Pair 1
Blue-Blue/White	Orange-Orange/White	Green-Green/White	Brown, Brown/White

Ordering Information

Construction	Patch Cord	Length	Category	Colour	Jacket Material
FTP (F/UTP)	Patch Cord CPC	0,5m - 5	Category 6 (CAT6)	Grey	PVC
		1m - 1		Red	LSZH
		2m - 2		Green	
		80m - 80		Blue	
				Yellow	
				Orange	
				White	
				Black	
				Purple	
				Pink	

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