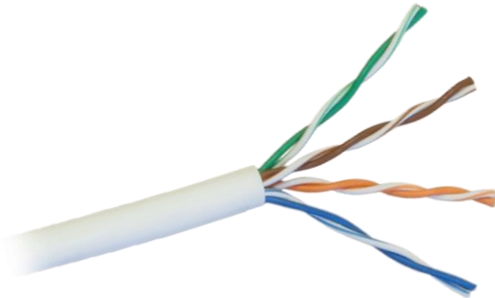




Copper Structured Cabling

Category 5e U/UTP Patch Cords



Linxcom Unshielded Twisted Pair (UTP) 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*0.2mm
External Diameter	5.2±0.2mm
Sheath Material	PVC or LSZH
Temperature Range	-20°C to +60°C



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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	
UTP (U/UTP)	UTP	Patch Cord	CPC	0.5m	0.5
				1m	1
				2m	2
			
				80m	80
UTP	5E	CPC	GY	03	PVC
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: **UTP5EPCGY03PVC** – Category 5e Unshielded Twisted Pair Patch Cable PVC Grey Jacket 3m

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