Copper Structured Cabling
Category 6 UTP IDC Patch Panels 1U 48 Ports

3P PARTY TESTING · THIRD · ETL LISTED

Linxcom UTP CAT6 patch panels are 19 inch rack mountable IDC/PCB moulded jack patch panels.

All panels comply with the EIA/TIA standard for Category 6 and are available in a choice of port density. Every patch panel is made with high quality materials, tested and certified by UL and 3P.

Features & Benefits

- ETL & 3P Certified
- 48 port Cat6 patch panel
- Space-saving high density 1U
- Meets or exceeds the requirement proposed by TIA /EIA 568 B .2 ,ISO/IEC 11801 Category 6
- Sturdy aluminium plate around jacks
- Phosphor bronze with 6-50 micro inches gold plated
- Available with colour-coded T568A and T658B wiring patterns
- Easy wiring installation, fit for 110 punch-down tools
- Termination accepts 22, 23, 24 and 26 AWG (0.64-0.4) solid wires
- Black electrostatic powder-coated corrosion-resistant steel

Applications

- 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)
- 1 Gbps Ethernet (IEEE802.3)

Colouring

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

Performance

Insertion Life	750 cycles minimum
IDC Life	200 times (22-26 AWG solid wire) minimum
Plug/Jack Contact Force	100g minimum using FCC-approved plug
Insulation Resistance	100Mohms minimum
Contact Resistance	7Mohms maximum
Dielectric Intensity	AC 1000Vrms, 50Hz or 60Hz in 60s
Plating	Gold (3u", 6u", 15u", 30u", 50u"), Silver (1.25um, 5um)
Modularity	8-pin, 4-pair

Networking & Telecommunications End-to End Solutions

Ordering Information

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

Construction		Panel Style	
UTP (Unshielded Twisted Pair) **UTP**		IDC/PCB **IDCPP**	
UTP	6	IDCPP	481U
Category		Port Density	
Category 6 (CAT6) **6**		1U 48 Ports **481U**	

Example: **UTP6IDCPP481U** – Category 6 Unshielded Twisted Pair 48 1U Port IDC Patch Panel

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