LINXCOM UK

Networking & Telecommunications End-to End Solutions

Copper Structured Cabling

Category 5e UTP IDC Patch Panel 1U 48 Port

Linxcom UTP CAT5e patch panels are 19 inch rack mountable IDC/PCB moulded jack patch panels.

All panels comply with the EIA/TIA standard for enhanced Category 5 and are available in a choice of port density. Every patch panel is made with high quality materials, tested and certified.

Features & Benefits

- 48 port Cat5e patch panel
- Space-saving high density 1U
- Meets or exceeds the requirement proposed by TIA /EIA 568 B .2 ,ISO/IEC 11801 Category 5e
- 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

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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	5E	IDCPP	481U
Category		**Port Density**	
Category 5e (CAT5e) **5E**		1U 48 Ports **481U**	

Example: **UTP5EIDCPP481U** – Category 5e Unshielded Twisted Pair 1U 48 Port IDC Patch Panel

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