

ADC Structured Cabling Solutions

Category 5e Patch Panels

Issue 2



24-port enhanced patch panel A/B

ADC's Category 5e patch panels are an integral part of ADC Structured Cabling system and provide Category 5e performance in a high-density design with concise station and port labeling. Available in 24 and 48 port variants, all ADC Structured Cabling patch panels feature LSA-PLUS® silver-plated 45° angled contacts for the most reliable and robust connection available.

Features:

- UL 1863 listed and Category 5e performance verified
- Includes rear wire manager
- Wire can be terminated with either a ADC or 110 tool
- Forty-five degree silver-plated IDCs provide secure, reliable gas-tight connection
- Includes paper labels or silk-screened area for station identification
- Universal wiring label for easy termination of either T568A/B
- Designed for Gigabit Ethernet transmission
- Panels can be rack mounted in standard EIA 19-inch racks or wall mounted using optional 19-inch hinged wall-mount brackets

Specifications

Environment for Use:	Indoors, in dry, closed room
Operating Temperature Range:	-40° to 70 °C (-40° to 158 °F)
Maximum Relative Humidity:	< 90% non-condensing
RJ Socket, 8 Positions, General Specification:	FCC Part 68.500, IEC 60603-7, EN 60603-7
Transmission Performance and Reliability:	
TIA/EIA 568-B.2 Category 5e	
ISO 11801 Class D Standard	
EN 50173 Category 5e	
Number of Plug Insertion Cycles:	> 750
LSA-PLUS® Insulation Displacement	
Wire Diameter Range for Solid and	22-26 AWG
Stranded Copper Conductors:	0.40 mm to 0.65 mm (0.016" to 0.025")
Wire Insulation Diameter Range (PE,PVC):	0.70 mm to 1.70 mm (0.028" to 0.067")
RJ Interface Resistance:	< 20 mΩ

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LSA-PLUS® Contact Resistance: < 1 mΩ
 Contact Re-terminations ADC Tool: > 200
 Insulation Resistance at 40 °C (104 °F) and 93% RH:..... > 500 MΩ
 Electrical Rating of Complete Assembly at 25 °C (77 °F) and 50% RH
 Ringing Voltage Rating: < 150V AC
 Insulation Resistance:..... > 100 MΩ at 500 VDC
 Safety Rating: UL 1863
 Flammability Rating:..... UL 94 V-0

Ordering Information

Description	Dimensions(HxWxD)	Product No.
24-port patch panel with snap-in port ID tabs and paper labels, T568A/B compatible	44.45 mm x 482.6 mm x 38.1 mm (1.75" x 19" x 1.5")	6653 1 587-24
48-port patch panel with snap-in port ID tabs and paper labels, T568A/B compatible	88.9 mm x 482.6 mm x 38.1 mm (3.5" x 19" x 1.5")	6653 1 587-48

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*KRONE Communications Ltd. is now ADC India Communications Ltd.



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