

# ADC Structured Cabling Solutions

## Category 6 Patch Panels

Issue 2



24-port Category 6 patch panel A/B

An integral part of the ADC Structured Cabling channel solution, the Category 6 patch panels optimize signal strength and deliver zero bit-error performance using impedance matched technology. Designed for mounting in standard EIA 19-inch racks or to hinged wall-mount brackets, their high-density, superior reliability and numerous labelling options make these patch panels a superior choice for high-performance networks.

### Features:

- Performance exceeds TIA/EIA Category 6 requirements
- Designed for Gigabit Ethernet transmission
- Includes rear wire manager
- Conductors can be terminated with either a KRONE Insertion or 110 tool
- UL 1863 listed and Category 6 performance verified
- Forty-five degree silver-plated IDCs provide secure, reliable gas-tight connection
- Includes paper labels or silk-screened area for port identification
- Universal wiring label for easy termination of either T568A/B

### Specifications

Operating Temperature Range:	..... -40° to 70 °C (-40° to 158 °F)
RJ Socket, 8 Positions, General Specification:	..... FCC Part 68.500 (IEC 60603-7)
Transmission Performance and Reliability:	..... ≥ EIA/TIA 568-B.2-1 Category 6
	..... ≥ ISO 11801 Class E Standard
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")
LSA-PLUS® Contact Resistance:	..... ≤ 1 mΩ typical
Contact Re-terminations:	..... ≥ 200
Insulation Resistance at 40 °C (104 °F) and 93% RH:	..... ≥ 500 MΩ
Safety Rating:	..... UL 1863

SPEC SHEET

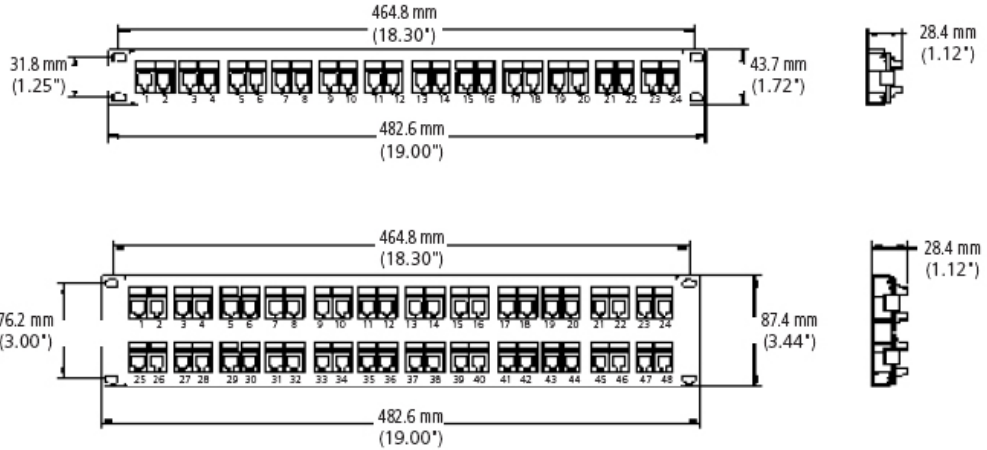


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Flammability Rating:.....UL 94 V-0



Description	Dimensions (HxWxD)	Product No.
<b>24-port patch panel with snap-in port ID tabs and paper labels, T568A/B compatible</b>	44.45 mm x 482.6 mm x 38.1 mm (1.75" x 19" x 1.5")	6653 1 679-24
<b>48-port patch panel with snap-in port ID tabs and paper labels, T568A/B compatible</b>	88.9 mm x 482.6 mm x 38.1 mm (3.5" x 19" x 1.5")	6653 1 679-48

SPEC SHEET

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



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