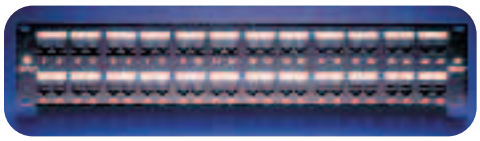
TrueNet®
Category 6 Patch Panels

24-port Category 6 patch panel A/B

24-port Category 6 patch panel, paper labels A/B



48-port Category 6 patch panel A/B

48-port Category 6 patch panel, paper labels A/B

An integral part of the TrueNet® channel solution, the ADC TrueNet 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 labeling options make these patch panels a superior choice for high-performance networks.

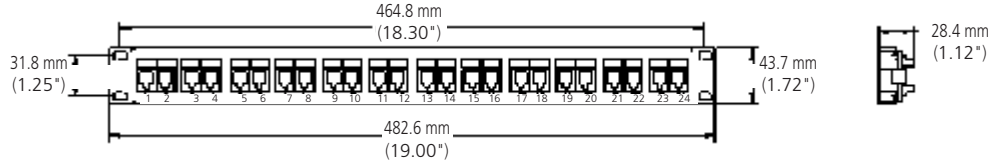
Features:

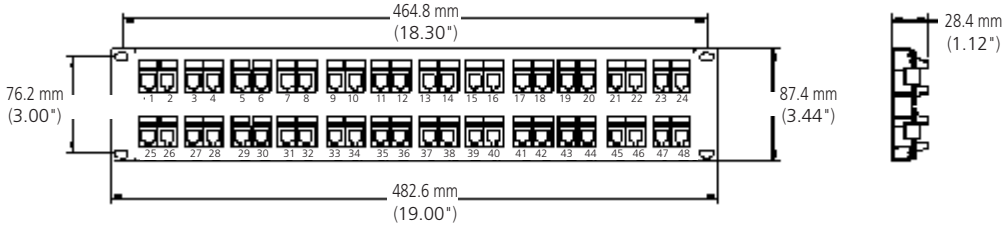
- Performance exceeds TIA/EIA Category 6 requirements
- Designed for Gigabit Ethernet transmission
- Includes rear wire manager
- Conductors can be terminated with either a KRONE® or 110 tool
- UL 1863 listed and Category 6 performance verified
- Forty-five degree silver-plated IDCs provide secure, reliable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

SPEC SHEET

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 Stranded Copper Conductors:	22-26 AWG 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
Flammability Rating:	UL 94 V-0





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Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
24-port silk-screened, T568A/B compatible *Quantity: 1*	44.45 mm x 482.6 mm x 38.1 mm (1.75" x 19" x 1.5")	6653 1 677-24
48-port silk-screened, T568A/B compatible *Quantity: 1*	88.9 mm x 482.6 mm x 38.1 mm (3.5" x 19" x 1.5")	6653 1 677-48
24-port patch panel with snap-in port ID tabs and paper labels, T568A/B compatible *Quantity: 1*	44.45 mm x 482.6 mm x 38.1 mm (1.75" x 19" x 1.5")	6653 1 679-24
48-port patch panel with snap-in port ID tabs and paper labels, T568A/B compatible *Quantity: 1*	88.9 mm x 482.6 mm x 38.1 mm (3.5" x 19" x 1.5")	6653 1 679-48
Blank panels Used to cover open space in 19" rack; rolled steel construction; durable powder coated finish *Quantity: 1*		
1 RU blank panel	44.45 mm x 482.6 mm x 6.35 mm (1.75" x 19" x .25")	6653 2 000-01
2 RU blank panel	88.9 mm x 482.6 mm x 6.35 mm (3.5" x 19" x .25")	6653 2 000-02
6-port mini patch panel, Type 568A/B; mounts on UMS bracket, Type 105 rod mount or Type 105 back mount frame *Quantity: 1*	43.94 mm x 121.16 mm x 52.83 mm (1.73" x 4.77" x 2.08")	6653 1 608-00

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