

CAT5E AND CAT6 ETHERNET PATCH PANEL





P/N: AL-4111 (CAT5E) P/N: AL-4121 (CAT6) P/N: AL-4112 (CAT5E) P/N: AL-4122 (CAT6)

Overview:

Manage traffic simply and effectively in Ethernet applications with Ethernet patch panels. Each compact panel is equipped with IDC terminated PCB assemblies in either 568A or 568B pinouts. Cat5e and Cat6 patch cords are also available to complete your installations.



Rear View, 24-Port



Front View, 24-Port



Side View, 24-Port

Applications:

- 10/100/1000 Ethernet connectivity
- Data applications
- Private/enterprise networks
- T1/DDS TDM connectivity and patching

Cat5e Patch Panel:

- Exceed Category 5e TIA/EIA-568-B.2 specifications for component performance
- Handle data rates exceeding 100 MHz

Cat6 Patch Panel:

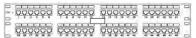
- Exceed Category 6 TIA/EIA-568-B.2 specifications for channel and link performance
- Handle data rates exceeding 250 MHz
- Angled and paired IDC pins provide a gas-tight connection and improved cable retention to maximize Cat6 performance

Primary Benefits:

- Versatility for a variety of applications, including Ethernet 10/100/1000, T1 and DDS patching
- 24 and 48 position Category 5e and Category 6 panels available, 1RU and 2RU 19-inch rack mounting
- Rugged steel construction with rolled edges to eliminate flex during termination
- Integrated rear cable management bar provides cable strain relief
- Multiple cable tie locations to meet your standard practices and simplify moves, adds, changes and maintenance
- Clear write-on designation and easy to identify ports
- Complete line of Cat5e and Cat6 patch cords in various standard lengths and colors also available



Rear View, 48-Port



Front View, 48-Port



Side View, 48-Port

Specifications:

- Wiring :

- Insertion life :

- Housing:

IDC blocks :Contact pressure :

- Insulation resistance :

- Contact resistance :

- Voltage/current :

Dielectric withstand :Compliance :

T568A or T568B

750 cycles minimum, < 0.2dB

High impact UL94V-0 rated thermoplastic

Tin lead plated connector accepts 22 - 26 AWG solid UTP cable

100 grams min. 500 megaohms 10 milliohms max

140 VDC @ 1.5 amps max. 1000 VAC RMS @ 60 Hz min.

Part 68, FCC rules

TIA/EIA Category 5e or 6 specifications

UL listed

Patch Panel Dimensions:

- 24 Port patch panel : 19 in. W x 1.75 in. H x 3.5 in. D (48.26 cm x 4.45 cm x 8.89 cm) - 48 Port patch panel : 19 in. W x 3.5 in. H x 3.5 in. D (48.26 cm x 8.89 cm x 8.89 cm)

Ordering Information:

P/N	Descriptions
AL-4111	CAT5E Patch Panel 24 Port 1U with RJ45 Modular Jack "ALFA BASE"
AL-4112	CAT5E Patch Panel 48 Port 2U with RJ45 Modular Jack "ALFA BASE"
AL-4121	CAT6 Patch Panel 24 Port 1U with RJ45 Modular Jack "ALFA BASE"
AL-4122	CAT6 Patch Panel 48 Port 2U with RJ45 Modular Jack "ALFA BASE"