

# Cat 5e and Cat 6 Ethernet Patch Panels

## Overview

Manage traffic simply and effectively in Ethernet applications with Patch Panels. Each compact panel is equipped with IDC terminated PCB assemblies in either 568A or 568B pinouts.

Cat 5e and Cat 6 patch cords are also available to complete your installations.

## Applications

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

## 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 Cat 5e and Cat 6 patch cords in various standard lengths and colors also available

### Cat 5e panels

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

### Cat 6 panels

- 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 Cat 6 performance



# Cat 5e and Cat 6 Ethernet Patch Panels

## Specifications

Wiring	T568A or T568B
Insertion life	750 cycles minimum, <0.2dB
Housing	High-impact UL94V-0 rated thermoplastic
IDC Blocks	Tin lead plated connector accepts 22-26 AWG solid UTP cable
Contact pressure	100 grams min.
Insulation resistance	500 megaohms
Contact resistance	10 milliohms max.
Voltage/current	140 VDC @ 1.5 amps max.
Dielectric withstand	1000 VAC RMS @ 60 Hz min.
Compliance	Part 68, FCC Rules TIA/EIA Category 5e or 6 Specifications UL Listed

Supports GigE, power over Ethernet

## Ordering Information

Description

Category 5e Patch Panels

24-Port

48-Port

Category 6 Patch Panels

24-Port

48-Port

Accessories

Cat 5e Patch Cords (xxx = feet)

568A wiring

568B wiring

Cat 6 Patch Cords (xxx = feet)

568A wiring

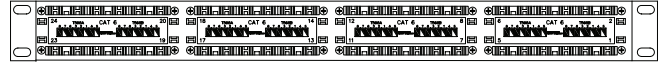
568B wiring

Type 110 punch-down tool

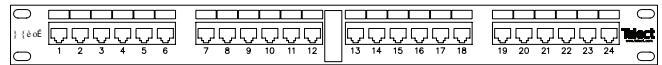
We can provide full bays and complete cable management to meet your needs. Contact your customer service representative

## Panel Dimensions

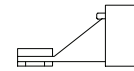
24-Port Panels:	19 in. W x 1.75 in. H x 3.5 in. D (48.26 cm x 4.45 cm x 8.89 cm)
48-Port Panels:	19 in. W x 3.5 in. H x 3.5 in. D (48.26 cm x 8.89 cm x 8.89 cm)



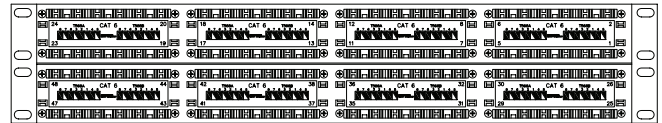
Rear View, 24-Port



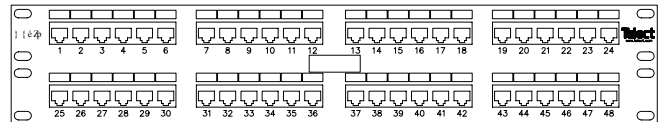
Front View, 24-Port



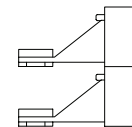
Side View, 24-Port



Rear View, 48-Port



Front View, 48-Port



Side View, 48-Port