

# Cat 6 - Patch Panels



## Category 6 Premium Patch Panels



### Description

ACTON's Category 6 premium unscreened patch panels are manufactured and designed to the highest standard and include all the features required for a premium site including individual port icons.

The IDC connectors are colour coded for use in either T568A or T568B wiring configurations. A Krone tool or 110 style impact tool can be used for termination.

The Category 6 patch panels have been designed for high-speed voice & data applications and can be used together with Category 6 cable and accessories to construct a link or channel with Category 6/ Class E performance.

UL certified Category 6 link / channel performance when used when used together with Acton Category 6 cable, jacks and patch cords.

### Key Features

- Premium modern finish
- Standard 19" mounting
- Cage nuts included
- Port icon identification
- Available in 16, 24 & 32 port unscreened configurations
- Writing area for port identification
- Colour coded for T568A/B termination
- Suitable for Category 6 / Class E links and channels
- UL certified Cat 6 link / channel performance
- Standards and ACA compliant

### Ordering Information:

**C6PP16 - 16 port patch panel, 1RU**

**C6PP32 - 32 port patch panel, 2RU**

**C6PP24 - 24 port patch panel, 1RU**

**Available From**

# Technical Information

## PERFORMANCE SPECIFICATIONS

AS/NZS 3080:2003  
AS/ACIF S008: 2001  
ISO/IEC11801: 2002  
ANSI/TIA/EIA-568-B.2

## APPROVALS:

UL Certified Category 6 link / channel performance when used together with Acton Category 6 cable, jack and patch cords  
ACA Compliant (N13181)

## MECHANICAL SPECIFICATIONS

Jack insertion durability:  $\geq 750$  mating cycles  
IDC block durability:  $\geq 200$  termination cycles

## ELECTRICAL SPECIFICATIONS

Voltage rating:  $\geq 150$  VAC  
Current rating:  $\geq 1.5$  A  
Dielectric withstanding voltage:  $\geq 1$  KV

## PHYSICAL SPECIFICATIONS

Jack housing and IDC block: Polyphenylene oxide, UL94V-O  
RJ45, 8-position connector: Meets FCC part 68 and IEC 603-7  
Connector wiring: Plating 50 $\mu$  inches gold over nickel  
IDC wire range: Solid or stranded, 22-26 AWG, 0.64mm<sup>2</sup> – 0.4mm<sup>2</sup>  
Operating temperature range: -10°C to 60° C

## SUPPORTED APPLICATIONS

Voice  
ISDN: Basic & Primary Access  
Token Ring: 4/16/100 Mbps  
ATM: 25/52/155 Mbps ; 1.2 Gbps  
Ethernet: 10BASE-T; Fast Ethernet: 100BASE-TX/T2/T4; Gigabit Ethernet: 1000BASE-T  
Broadband video

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