

Category 6 Unshielded Network Patch Panels



Article Overview

Category 6 unshielded patch panels provide reliable interconnection for Gigabit Ethernet networks, supporting up to 48 RJ45 ports with T568A/B wiring compatibility and ANSI/TIA-568.2-D compliance.

Overview

Category 6 (Cat 6) unshielded patch panels are designed for 10/100/1000 Base-T Gigabit Ethernet applications and are compatible with standard UTP (Unshielded Twisted Pair) cables. They provide a centralized point for terminating network cables and organizing connections in a structured cabling system .

Key Features

- **Port Configurations:** Available in 12, 24, or 48 RJ45 ports, typically in 1U or 2U rack units .
- **Termination Type:** Rear 110-style IDC (Insulation Displacement Connector) punch-down blocks for fast and reliable cable termination .
- **Wiring Standards:** Supports both T568A and T568B wiring schemes, with color-coded labels for easy identification .
- **Performance:** Meets ANSI/TIA-568.2-D and ISO/IEC 11801 Class E standards, supporting frequencies up to 250 MHz, suitable for Gigabit Ethernet .
- **Compatibility:** Works with solid UTP Cat 6 cables (22-24 AWG) and is suitable for PoE, VoIP, and video applications

Article Content

May 07, 2026

Essential-6 Patch Panels | Aginode

The Aginode Essential-6 patch panels are based on 19" frame dimensions and have 24 Category 6 RJ45

Jul 14, 2026

Clarity 6 12-port Category 6 patch panel

Clarity 6 12-Port Category 6 patch panel is component compliant to EIA/TIA Category 6 performance requirements. Standard density

Aug 24, 2025

ICC CAT6 Patch Panel, UL Listed & PoE++ Rated

Description Optimize your network's performance with ICC's 24-Port CAT6 Patch Panel, designed for high

Jul 16, 2026

Category 6 Unshielded Patch Panels

Category 6 Unshielded Patch Panels Category 6 Unshielded Patch Panels Techlogiks Cat 6 modular patch panel utilizes quad frame

Jan 14, 2026

Amazon : Cat6 Patch Panel

Jadaol [UL Listed] 24 Port Patch Panel Rackmount or Wall Mount 19-Inch, 1U Cat 6 Network Panel Preloaded with 24 Keystone

May 25, 2026

Patch Panel Category.6 UTP

With professional structure design, our Category 6 UTP patch panels are extremely durable for punching down strongly. With 110

Nov 23, 2025

Category 6 Solutions Structured Cabling

Speed, Performance and Reliability ADC KRONE's Category 6 solutions are guaranteed to exceed Class E channel specifications as

Apr 06, 2026

Essential-6 PCB Patch Panel Unscreened 24 RJ45 Cat

The Aginode Essential-6 patch panels are based on 19" frame dimensions and have 24 Category 6 RJ45

Dec 01, 2025

Cat.6 (A) Network Unshielded 24-Port Patch Panel

This Unshielded CAT6 (A) Patch Panel 24-Port configuration contains flush mounted RJ45 ports. Our patch panels meet and exceed

Mar 26, 2026

Category 6 Unshielded Patch Panels

Techlogiks Cat 6 modular patch panel utilizes quad frame modules offered with 8-contact inserts wired to Insulation Displacement

May 28, 2026

Unshielded vs. Shielded Patch Panel – VCELINK

Compare shielded patch panel and unshielded patch panel designs, learn which fits your network, and get expert tips

Dec 06, 2025

24 Port Cat6 Patch Panels | Shielded & Unshielded | Comms Express

View our range of shielded and unshielded 24 Port Cat6 Patch Panel available at Comms Express, Networking Reseller - Free

Sep 01, 2025

Premium Line 24 Port Cat6 Patch Panel

Premium-Line Class 6 unshielded patch panels are available for ANSI/TIA-568.2-D, ISO/IEC 11801-1 and Specification EN50173-1,

Mar 22, 2026

Category 6 Unshielded Unloaded Patch Panels

Entire steel 24 port and 48 port UTP blank patch panels are suitable for Category 6 and Category 6A UTP keystone jacks.

Nov 25, 2025

TRENDnet 24-Port Cat6 Unshielded Patch Panel,

TRENDnet's 24-port Cat. 6 Patch Panels are ideal for Ethernet, Fast Ethernet and Copper Gigabit Ethernet

Feb 04, 2026

760162818 | UNP-6A-DM-2U-48 | CommScope

Loaded Unshielded Uniprise ® (UNP). NETCONNECT ® (NPP), CommScope ® (CPP)
Distribution Module

May 02, 2026

Global Manufacturer & Supplier of Category 6 Unshielded Patch Panel ...

CATEGORY 6 UTP PATCH PANEL BLANK PUNCH DOWN SHUTTERED / UN SHUTTERED
Blank UTP Punch Down patch panel

Nov 02, 2025

Unshielded Patch Panel Category 6A. 6 and 5e

The range of unshielded patch panels for Cat. 6, 6A and 5e are the most in-demand
on the SCS market. This section details product

Dec 12, 2025

Amazon : Yankok [CAT6 6 Port Replace Patch Panel] Unshielded

About this item The perfect solution for your partial-defective patch panel, no need to
purchase a new one when you can do the

Nov 24, 2025

Network Patch Panel Cat6, Patch Panel 24 Port

buy cost-effective Network Patch Panel Cat6 - Cat6 patch panel 24 port (shielded or
unshielded (UTP), Feed-Through or punch

Sep 12, 2025

69586-U24 | Cat 6 Patch Panels | Leviton Network

Leviton Cat 6 Flat 110-Style Patch Panels are designed for use on 19-inch standard
racks and cabinets.

Apr 20, 2026

CAT6 Network 6-Port Patch Panel, 1U RJ45 – Primus Cable

The Unshielded 6 Port CAT6 Patch Panel is ideal for surface mount applications & has
rear terminating to help you organize your

Mar 08, 2026

Category 6A – Patch Panels

Our unshielded and shielded Cat 6A patch panels present a product solution that exceeds TIA Category 6A standards and achieves

Apr 03, 2026

RJ45 Patch Panels

RJ45 Patch Panels Belden's line of RJ45 Patch Panels includes products suitable for both commercial and

Contact Us

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