24 Port 1U Shielded Cat6A Patch Panel, 110 Punch Down, Rackmount Cat6A RJ45 STP Ethernet Patch Panel

Product ID: C6APANELSTP241UPD



Streamline rack-mounted network setups with this 24-Port 1U Shielded Cat6A Patch Panel with 110 punch-down termination. The shielded patch panel provides a secure, professional solution for terminating Cat6A cabling in standard 19-inch racks.

The shielded 110 patch panel is ideal for permanent network installations and incorporates Krone/110 IDC contacts for clean vertical termination of 23-26 AWG STP solid wire Cat6A cabling. Phosphor bronze contacts plated with 50 micro-inches of hard gold maintain consistent signal integrity. Dual T568A/B wiring labels support accurate termination and reduce wiring errors. The patch panel is UL listed for electrical safety in enterprise network environments.

The 1U patch panel assembly features a protective metal housing cover and grounding wire for optimal EMI protection and helps maintain signal integrity in high-density installations. It is fully compliant with ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 (2nd Edition: 2002), EN 50173-1: 2002, and ANSI/TIA/EIA-310-D standards, ensuring compatibility with network cabling infrastructure and 19-inch server racks.

Certifications, Reports and Compatibility

Applications

• For installation in standard 19in network racks and cabinets

• Connect Cat6a cables instantly without punch down tools. Quickly swap cables as needed for configuration and troubleshooting

• Clearly numbered keystone ports make it easy to identify your cable runs

Features

• 110 Punch Down Layout: Support permanent Cat6A network installations with this shielded 24-port 1U patch panel featuring rear 110 punch-down termination; Front-facing Cat6A RJ45 ports provide a clean patching interface for RJ45 Ethernet connections

• Protect Shielded Connections: Attach the grounding wire to the rack ground point for optimal shielding and EMI protection on Cat6A terminations; The metal housing cover protects the punch-down wiring and IDC contacts for long-term performance and reliability

• Stable Signaling: Terminate Cat6A cabling directly onto Krone/110 IDC contacts to establish fixed cable endpoints; Punch-down wiring reduces cable movement and attenuation at the termination point, ensuring consistent transmission in high-uptime networks

• Mount in Any Standard Rack: Includes mounting screws and cage nuts for installation into a server rack or wall-mount enclosure; Complies with ANSI/TIA/EIA-310-D for standard 19-inch racks and ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801, and EN 50173-1:2002 cabling standards

• The IT Pro's Choice: Designed for reliability in edge and on-prem deployments, our networking solutions are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

Environmental		
	Warranty	3 Years
	Operating Temperature	-10&degC to 60&degC (14&degF to 140&degF)
	Storage Temperature	-40&degC to 70&degC (-40&degF to 158&degF)
	Humidity	85%
Physical Characteristics		
	Color	Silver
	Material	Steel
	Product Length	19.0 in [482.6 mm]
	Product Width	4.4 in [111.4 mm]
	Product Height	1.7 in [44.4 mm]
	Weight of Product	35.3 oz [1001.0 g]
Packaging		

Information		
	Package Length	5.7 in [14.5 cm]
	Package Width	20.5 in [52.0 cm]
	Package Height	2.0 in [5.0 cm]
	Shipping (Package) Weight	4.1 lb [1.9 kg]
What's in the Box		
	Included in Package	1 - Set of Screws and Nuts
		1 - Patch Panel
		1 - Product Documentation
Warranty Information		
	Warranty	3 Years

Product appearance and specifications are subject to change without notice.