

CEN-RPP-CAT6-24

24-Port CAT6 RJ45 Patch Panel

- > Enterprise-grade patch panel
- > 24 unshielded CAT6 RJ45 jacks
- > Designed for 1000Base-T Ethernet
- > Rear-facing IDC 110 punch down terminals^[1]
- > Rear cable tie points
- > Customizable front panel labeling
- > Single-space 19" rack-mountable



The CEN-RPP-CAT6-24 patch panel provides an enterprise-grade network routing solution that is designed in accordance with EIA/TIA specifications for use as part of a complete 10/100 or Gigabit Ethernet infrastructure. It includes 24 front-facing CAT6 RJ45 patch ports with rear-facing IDC 110 type termination points for CAT5e or CAT6 UTP cabling. Cable tie points at the rear of the patch panel provide secure strain relief for each cable using cable ties (provided). The complete solution enables the routing of Ethernet data signals by simply patching any two RJ45 jacks together using a standard CAT6 patch cable (not included).

The CEN-RPP-CAT6-24 occupies a single rack space when installed in a 19 inch data center rack, AV equipment rack, or Crestron® [GLEX-RACK-4U](#) enclosure. A front panel label strip is included to allow for the designation of each patch port using a paper label or standard 1/2 inch (12 mm) tape label.

Note: For DM 8G+® and HDBaseT® based video distribution applications, or for any networking application utilizing shielded CAT5e, CAT6, or CAT6a cable and connectors, refer to Crestron model [DM-RPP-K24](#).

SPECIFICATIONS

Connectors

1 – 24: (24) Front-facing RJ45 jack (8P8C, unshielded) with rear-facing IDC 110 type punch down terminals^[1]

Electrical

Compatible Cable Standards: CAT3, CAT5e, CAT6

Contact Resistance: 20 mΩ

Input to Output Resistance: 200 mΩ

Insulation Resistance: 500 MΩ

Dielectric Withstand Voltage:

1500 Volts DC or AC peak minimum contact to shell;

1000 Volts DC or AC peak minimum contact to contact

Current Rating: 1.5 Amps

PoE Compatibility: IEEE 802.3at PoE & PoE+

Mechanical – Jack

Compatible Plug Types: RJ45 (8-position), RJ11 (6-position)

Insertion Cycles: 750 minimum

Retention Force: 50 N minimum

Mechanical – Terminals

Compatible Cable Constructions: UTP

Wiring Standards: TIA/EIA T568A & T568B

Wire Size Range: 23 to 26 AWG (0.25 to 0.14 mm²) nominal solid and stranded

Wire Conductor Diameter: 0.023 in (0.60 mm) maximum

Wire Conductor Insulation Diameter: 0.058 in (1.48 mm) maximum

Cable Overall Outer Diameter: 0.354 in (9 mm) maximum

Re terminations: 20 maximum

Construction

Mounting: 1 RU 19-inch rack-mountable

Chassis Material: Metal, black finish

Jack Housing Material: Glass-reinforced nylon

Jack Contact Materials: Plated phosphor bronze, stainless steel

Jack Plastic Materials: Flame retardant thermoplastic

Flammability Rating: UL 94V-0

Green Features: RoHS, lead-free, halogen-free, PVC free

Environmental

Temperature: 14° to 140° F (-10° to 60° C)

Dimensions

Height: 1.74 in (45 mm)

Width: 19.00 in (483 mm)

Depth: 3.63 in (93 mm)

Weight

1.27 lb (576 g)

CEN-RPP-CAT6-24 24-Port CAT6 RJ45 Patch Panel

MODELS & ACCESSORIES

Available Models

CEN-RPP-CAT6-24: 24-Port CAT6 RJ45 Patch Panel

Available Accessories

CEN-SWPOE-16: 16-Port Managed PoE Switch

Notes:

1. Termination requires a 110 type IDC punch down tool (not included).

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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Front angle view



Rear view

