

## Important Note

The N252-P24 is designed specifically to be used in PoE applications. It does not add PoE power to a Cat6 signal not already transmitting both data and power.

## Cat6 24-Port Patch Panel - PoE+ Compliant, 110/Krone, 568A/B, RJ45 Ethernet, 1U Rack-Mount, TAA

MODEL NUMBER: N252-P24



PoE+-compliant 24-port patch panel manages and organizes Cat6 data/power cable connections in your high-density network.

## Description

IEC 60512-99-002 Compliant  
PoE Certificate Number: 2019-248  
UTP Cat6 22-24 AWG solid cable (Requires PoE cable if used in PoE setting)

## Features

**24-Port Patch Panel Manages and Organizes High-Density Cat6 Network Cabling** This patch panel enables quick, easy cable patching. Just plug Cat6 cables into its 24 front RJ45 ports, and use a 110 or Krone punch-down tool (do not use a 4/5 pair 110 punch-down tool) to terminate color-coded connections in the rear. Both the front and rear connectors are clearly numbered, and the front ports have blank labels to help you identify individual cable runs. The N252-P24 supports EIA/TIA 568A and 568B wiring standards and is compatible with all network applications.

**Specifically Designed for Use in Power over Ethernet Plus (PoE+) Applications** This Power over Ethernet patch panel maximizes performance with PoE+ applications. It prevents spark-gap erosion that degrades the plug and jack contacts over time and can affect data and/or power transmission capabilities. The N252-P24 is designed to handle the frequent mating and unmating of surveillance cameras, VoIP phone systems, wireless access points and other PoE and PoE+ devices under electrical load.

**Mounts in 1U of Space in Your 19 in. Enclosure or Open Frame Rack** The high-density patch panel supports mounting in 1U of space in EIA-standard 19-inch racks. Included cable ties and a removable cable management bracket help organize your connections, cut down on cord clutter and maintain stable performance.

**TAA-Compliant for GSA Schedule Purchases** The N252-P24 is compliant with the Federal Trade

## Highlights

- Power over Ethernet patch panel prevents spark-gap erosion that can affect transmission
- 24 RJ45 and punchdown ports numbered/labeled for immediate cable identification
- Mounts easily into 1U of space in your EIA-standard 19 in. rack for immediate use
- Supports EIA/TIA 568A/B wiring standards for either 110 or Krone-type terminations
- Ideal for managing Cat6 cable patching in high-density IT environments

## Applications

- Patch cables to PoE+ devices mounted in areas that are difficult to reach or have no electrical outlets
- Add routers, switches, wireless access points, security cameras, sensors and other PoE+ devices to an Ethernet network configuration

## Package Includes

- N252-P24 24-Port 1U Rack-Mount Cat6 Patch Panel - PoE+ Compliant
- Cable management bracket
- (8) Cable ties
- Quick Start Guide

Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

**Lifetime Warranty** The N252-P24 is backed by a lifetime warranty, ensuring reliability and performance.

## Specifications

| OVERVIEW                        |   |
|---------------------------------|---|
| UPC Code                        | 037332210425                                  |
| Product Type                    | Punchdown                                     |
| Technology                      | Cat5/5e; Cat6                                 |
| PHYSICAL                        |   |
| Color                           | Black   |
| Shipping Dimensions (hwd / in.) | 2.80 x 19.80 x 2.90                           |
| Shipping Dimensions (hwd / cm)  | 7.11 x 50.29 x 7.37                           |
| Shipping Weight (lbs.)          | 1.60  |
| Shipping Weight (kg)            | 0.73  |
| Unit Dimensions (hwd / in.)     | 1.730 x 18.890 x 4.380                        |
| Unit Dimensions (hwd / cm)      | 4.4 x 47.98 x 11.13                           |
| ENVIRONMENTAL                   |   |
| Operating Temperature Range     | 14° to 140°F (-10° to 60°C)                   |
| Storage Temperature Range       | -40° to 154°F (-40° to 68°C)                  |
| Relative Humidity               | 10% to 90% RH, Non-Condensing                 |
| CONNECTIONS                     |   |
| Number of Ports                 | 24  |
| PoE Power Budget (Watts)        | 90  |
| Side A - Connector 1            | 110 IDC                                       |
| Side B - Connector 1            | RJ45 (FEMALE)                                 |
| PoE Type                        | Type 4 High-Power (100W, IEEE 802.3bt)        |
| STANDARDS & COMPLIANCE          |   |
| Product Certifications          | UL Listed                                     |
| Product Compliance              | RoHS; CE (Europe); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT              |   |



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|  |                           |
|--|---------------------------|
| Product Warranty Period<br>(Worldwide) | Lifetime limited warranty |
|--|---------------------------|



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