

The N252-P48-WH 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.

48-Port Cat6 Patch Panel - 4PPoE Compliant, 110/Krone, 568A/B, RJ45 Ethernet, 2U Rack-Mount, White, TAA

MODEL NUMBER: **N252-P48-WH**



PoE+-compliant 48-port patch panel manages and organizes Cat6 data/power cable connections in your high-density network.

Features

48-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 48 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-P48-WH supports EIA/TIA 568A and 568B wiring standards and is compatible with all network applications.

Specifically Designed for Use in Type 4 Power over Ethernet Plus (PoE++) Applications

This Power over Ethernet patch panel maximizes performance with Type 4 PoE++ (4PPoE) applications in which you can power connected devices without the need for a secondary power supply. 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-P48-WH 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 2U of Space in Your 19 in. Enclosure or Open Frame Rack

The high-density patch panel supports mounting in 2U 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-P48-WH is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW

Highlights

- Type 4 PoE++ patch panel prevents spark-gap erosion that can affect transmission
- 48 RJ45 and punchdown ports numbered/labeled/color-coded for immediate cable ID
- Mounts easily into 2U of space in your EIA-standard 19 in. rack for immediate use
- Krone and 110 punchdown provide flexibility for both North American and European installations
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- N252-P48-WH 48-Port Cat6 Patch Panel
- Cable management bracket
- (16) Cable ties
- Quick Start Guide



Powering Business Worldwide

TRIPP LITE
SERIES

UPC Code	037332284778
Product Type	Punchdown
Technology	Cat5/5e; Cat6
CONNECTIONS	
Number of Ports	48
PoE Capability	100W (802.3bt)
PoE Power Budget (Watts)	100
Side A - Connector 1	110 IDC; KRONE IDC
Side B - Connector 1	(48) RJ45 (FEMALE)
PoE Type	Type 4 High-Power (100W, IEEE 802.3bt)
PHYSICAL	
Color	White
Material of Construction	PANEL: SPCC, PLASTIC FRAME: ABS+PC, UL94V-0
Rack Height	2U
Shipping Dimensions (hwd / in.)	1.77 x 20.08 x 4.38
Shipping Weight (kg)	1.00
Unit Dimensions (hwd / in.)	1.730 x 18.890 x 3.780
Unit Dimensions (hwd / cm)	4.4 x 47.98 x 11.13
Rack Units	2
Panel Style	Punchdown
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
Operating Humidity Range	10% TO 90% RH, NON-CONDENSING
Storage Humidity Range	10% TO 90% RH, NON-CONDENSING
FEATURES & SPECIFICATIONS	
Recommended Category Cable	Cat6
Labeled Ports	Yes
STANDARDS & COMPLIANCE	
Product Certifications	UL 94; UL Listed; cUL Listed
Product Compliance	RoHS; CE (Europe); Trade Agreements Act (TAA)



Powering Business Worldwide

TRIPP LITE
SERIES

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	Lifetime limited warranty
--	---------------------------

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.