

Important Note

The N050-P12 is designed specifically to be used in PoE applications. It does not add PoE power to a Cat5e signal not already transmitting both data and power.

Cat5e Wall-Mount 12-Port Patch Panel - PoE+ Compliant, 110/Krone, 568A/B, RJ45 Ethernet, TAA

MODEL NUMBER: **N050-P12**



PoE+-compliant 12-port patch panel manages and organizes Cat5e data/power cable connections in your high-density network.

Description

IEC 60512-99-002 Compliant
PoE Certificate Number: 2019-248
110/Krone Dual IDC
UTP Cat6a 22-24 AWG solid cable (Requires PoE cable if used in PoE setting)

Features

12-Port Patch Panel Manages and Organizes High-Density Cat5e Network Cabling This patch panel enables quick, easy cable patching. Just plug Cat5e patch cables into its 12 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 RJ45 ports and punchdown terminals are clearly numbered, and the front ports have blank labels to help you identify individual cable runs. The N050-P12 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 N050-P12 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.

Effortlessly Mounts to a Wall or Desk Using the Included Frame The 12-port patch panel is constructed from aluminum with a plastic 89B frame that mounts to a wall, desk or similar flat surface. The patch panel easily snaps into and out of the frame, allowing you to remove it to make new 110 connections and snap it back into place. Included cable ties help organize your connections and cut down on cord clutter.

TAA-Compliant for GSA Schedule Purchases The N050-P12 is compliant with the Federal Trade

Highlights

- Power over Ethernet patch panel prevents spark-gap erosion that can affect transmission
- 12 RJ45 and 110 ports numbered/labeled/color-coded for immediate cable identification
- Durable aluminum panel with ABS plastic frame that mounts easily to wall or desk
- Supports EIA/TIA 568A/B wiring standards for either 110 or Krone-type terminations
- Ideal for managing Cat5e 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

- N050-P12 12-Port Wall-Mount Cat5e Patch Panel - PoE+ Compliant
- (4) Cable ties
- Installation instructions



Powering Business Worldwide

TRIPP LITE
SERIES

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

Lifetime Warranty The N050-P12 is backed by a lifetime warranty, ensuring reliability and performance.

Specifications

OVERVIEW	
UPC Code	037332210395
Product Type	Wall Mount
Technology	Cat5/5e
CONNECTIONS	
Number of Ports	12
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)
PHYSICAL	
Color	Black
Shipping Dimensions (hwd / in.)	2.00 x 10.70 x 3.30
Shipping Dimensions (hwd / cm)	5.08 x 27.18 x 8.38
Shipping Weight (lbs.)	0.70
Shipping Weight (kg)	0.32
Unit Dimensions (hwd / in.)	2.240 x 10.040 x 1.880
Unit Dimensions (hwd / cm)	5.70 x 25.5 x 4.77
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
STANDARDS & COMPLIANCE	
Product Certifications	UL Listed
Product Compliance	RoHS; CE (Europe); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	



Powering Business Worldwide

TRIPP LITE
SERIES

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.