

## 19" 1U 24-Port Pre-loaded Patch Panel, Cat 6A, Shielded, Krone & 110 Dual IDC

Model: NRPP-RJ45-224SF-H

### Main Features:

- ✧ Innovative Quick-Release Shielded Cover Design;
- ✧ Fully shielded by Stainless Steel Cover;
- ✧ Dual IDC: Krone & 110 compatible;
- ✧ Durable design:  $\geq 750$  mating,  $\geq 250$  termination;
- ✧ Rear Bar for efficient cable management;
- ✧ Dual color-coded for easy T568A/B wiring scheme.



### Connector Type

Category	Cat 6A
Shielding	Shielded
Connector	8*3 x RJ45 Jacks
IDC Type	Dual (Krone & 110)

### Material

Housing Material	PBT
Shield Material	Stainless Steel, thickness = 0.2 mm
IDC Material	PC Contact Jaw: Phosphor Bronze with Tin Plating, thickness = 0.8 mm
Contact Material	Phosphor Bronze with Nickel Plating, thickness = 0.45 mm
Contact Surface Material	Gold Plating, thickness = 3U (3 $\mu$ m or 0.0762 $\mu$ m)
PCB Material	FR-4, thickness = 1.6 mm
Panel Frame	Carbon Steel, Powder-Coated in Black, SPCC 1.5 mm

## Electrical Properties

Transmission Performance	Date Rate: up to 10 Gbps Bandwidth: 500 MHz
Voltage/Current Rating	125 VAC RMS / 1.5 A
Insulation Resistance	≥ 1000 MΩ at 500 VDC
Contact Resistance	≤ 100 mΩ
Dielectric Strength	750 VAC RMS, 60Hz, 1 minute

## Mechanical Properties

RJ45 Jack	≥ 750 mating cycles
IDC Lifespan	≥ 250 termination cycles
Wire Gauge	22-26 AWG
Wiring Scheme	T568A/T568B

## Environment

Operating Temperature	-25°C to 70°C
Operating Humidity	RH 10% to 90% (non-condensing)
Storage Temperature	-40°C to 85°C
Storage Humidity	RH 5% to 96% (non-condensing)

## General

Installation	Rack Mount, Standard 19-inch
Dimension	482.6 (19") x 44 (1U) x 109.3 mm (WxHxD)
Net Weight	1.51 kg
Gross Weight	1.68 kg (4x Screw and Cage Nut Sets, 24x Cable Ties)

Diagram

unit: mm

