

## Unshielded Distribution Module Panel, Cat 6, 2U, 48 port, Black



### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America
<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	RJ45 patch panel

### General Specifications

<b>ANSI/TIA Category</b>	6
<b>Cable Type</b>	Unshielded
<b>Color</b>	Black
<b>Conductor Type</b>	Solid   Stranded
<b>Modules, quantity</b>	8
<b>Panel Style</b>	Straight
<b>Rack Type</b>	EIA 19 in
<b>Rack Units</b>	2
<b>Termination Type</b>	IDC
<b>Total Ports, quantity</b>	48
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   ISO/IEC 11801 Class E
<b>Wiring</b>	T568A   T568B

### Dimensions

<b>Height</b>	88.9 mm   3.5 in
<b>Width</b>	482.6 mm   19 in
<b>Depth, with cable management</b>	119.38 mm   4.7 in
<b>Compatible Diameter Over Dielectric, maximum</b>	1.168 mm   0.046 in
<b>Compatible Diameter Over Dielectric, minimum</b>	0.762 mm   0.03 in

# 760237025 | NPP-6-DM-2U-48

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**Compatible Conductor Gauge, solid** 22 AWG | 24 AWG

**Compatible Conductor Gauge, stranded** 22 AWG | 24 AWG

## Electrical Specifications

**Current Rating at Temperature** 1.5 A @ 20 °C | 1.5 A @ 68 °F

**Dielectric Withstand Voltage, RMS, conductive surface** 1,500 Vac @ 60 Hz

**Dielectric Withstand Voltage, RMS, contact-to-contact** 1,000 Vac @ 60 Hz

**Insulation Resistance, minimum** 500 MOhm

**Remote Powering** Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

## Material Specifications

**Contact Plating Material** Precious metals

**Material Type** High-impact, flame retardant, thermoplastic | Powder-coated steel

**Termination Contact Plating** Nickel

## Mechanical Specifications

**Plug Insertion Life, minimum** 750 times

**Plug Insertion Life, test plug** IEC 60603-7 compliant plug

**Plug Retention Force, minimum** 133 N | 29.9 lbf

## Environmental Specifications

**Operating Temperature** -10 °C to +60 °C (+14 °F to +140 °F)

**Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Relative Humidity** Up to 95%, non-condensing

**Flammability Rating** UL 94 V-0

**Safety Standard** RCM | UL | cUL

## Packaging and Weights

**Packaging Material** Eco-friendly, single-use plastics-free

**Packaging quantity** 1

## Regulatory Compliance/Certifications

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**Agency**

CHINA-ROHS  
ISO 9001:2015  
RCM  
REACH-SVHC  
ROHS  
UK-ROHS

**Classification**

Below maximum concentration value  
Designed, manufactured and/or distributed under this quality management system  
Compliant to electrical safety & telecommunications requirements  
Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)  
Compliant  
Compliant

