

# Preloaded Fiber Patch Panel, 3U - 24x (12F MTP/MPO-APC to 4x LC Duplex F/F) 8F Trunk Cables, OS2 Singlemode, 10 m (32.8 ft.)

# MODEL NUMBER: N48S-24M8L4-10









3U patch panel comes preloaded with spools of singlemode fiber cable that allow you to extend the exact length required and store the excess out of sight.

# Description

Preloaded Fiber Patch Panel, 3U - 24x (12F MTP/MPO-APC to 4x LC Duplex F/F) 8F Trunk Cables, OS2 Singlemode, 10 m (32.8 ft.)

# Features

# 3U Panel Solution Comes with Cabling Preloaded to Cut Costs and Save Time

All necessary cabling is included with this preloaded fiber panel, coiled inside and ready for immediate use. The aluminum 3U chassis features 24 MTP/MPO-APC to LC Duplex 8-fiber singlemode trunk cables, all 10 meters (32.8 feet) in length to make management easy. The panel opens to provide easy access to stored cables. Use only as much cabling as you need. The remainder stores inside the chassis to eliminate cable clutter, allow better airflow through the rack and make equipment maintenance and replacement easier. The cables and panels have labels to help with organization. You also avoid the expense and effort of custom cabling. The flexibility in cable length lets you reuse the cables if equipment is moved.

# Integrates Equipment to Meet Current Connectivity Needs

This preloaded slack-free panel helps integrate your 10 Gb equipment with 40 Gb networks or 25 Gb equipment with 100 Gb networks in a simple, elegant and flexible manner. The N48S-24M8L4-10 mounts in just 3U of space in an EIA-standard 19-inch rack.

# **Specifications**

# overview UPC Code 037332262790 Technology MTP/MPO; Singlemode

# Highlights

- 24 MTP/MPO-to-LC 8-fiber OS2 singlemode cables come coiled inside for instant use
- Use only as much cable as you need; store the remainder inside to avoid clutter
- Flexible cable length allows reuse of cables if equipment is moved
- 96 LC Duplex ports protected by fold-down front panel with organization labels
- Aluminum chassis mounts into 3U of space in EIA-standard 19 in. racks

# Applications

- Integrate 10G equipment with a 40G network or 25G equipment with a 100G network
- Save the expense and effort of buying custom cables or repurchasing cables after moving rack equipment
- Eliminate cable clutter by using only as much as you need and storing excess cable inside the panel

# Package Includes

- N48S-24M8L4-10 Preloaded Fiber Patch Panel
- (24) MTP/MPO-APC to LC Duplex trunk cables, 10 m (32.8 ft.)
- Installation guide



Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

Opical ModeOS2Panel Dable Number7.42 S.24' X 12.90'Panel Cable Length (m)10Panel Cable Length (m)10Role Topical Length (m)10Mode TypeSinglemode <b>Private / Software Doce:Private / Software Doce:Opection</b> Cable C	ſ	
Panel Cable Langth (m)         10           Fiber Panel Ports         (96) LC Duplex (24) MTP/MPO           Mode Type         Singlemode           Fitmware / Software Docs         In           Offsel Ports         No           PHYSICAL         Primary Form Factor           Primary Form Factor         Rackmount           Cable Jacket Color         Voltow           Cable Jacket Color         Voltow           Cable Jacket Color         Voltow           Cable Jacket Color         Simicron           Cable Longth (fn.)         Simicron           Simicron         Simicron           Cable Longth (fn.)         Simicron           Simicron	Optical Mode	OS2
Panel Cable Length (m)         10           Fiber Panel Ports         (96) LC Duplex: (24) MTP/MPO           Moda Typa         Singlemode           Fireware / Software Docs         No           Primary E Software Docs         No           Primary Form Factor         Rackmount           Cable Jacket Color         Valiow           Cable Jacket Rating         OFNP           Cable Outer Diameter (OD)         2.9MM           Cable Outer Diameter (OD)         2.9MM           Cable Length (m)         9 micron           Primary Cading Diameter         245           Number of Flores         8           Cable Length (m)         32.8           Cable Length (m)         30.0           Cable Length (m)         30.3           Shipping Diameter         33.7           Minium Bend Radius         2.90 (VINAMIC; 10MM (STATIC)           Rack Height         3.93 7           Shipping Weight (kg)         6.90 × 22.80 × 18.90           Shipping Weight (k	Panel Dimensions	17.42" X 5.24" X 12.99"
Fiber Panel Ports         (66) LC Duplex; (24) MTP/MPO           Mode Type         Singlemode           Firmware / Software Docs         No           Primary Form Software Docs         No           Primary Form Fortor         Reakmount           Cable Jacket Color         Vellow           Cable Jacket Color         Vellow           Cable Jacket Color         Vellow           Cable Jacket Raing         OFNP           Cable Duter Diameter (OD)         2.9MM           Clid Diameter         9 micron           Cable Duter Diameter (DD)         2.45           Number of Flores         8           Cable Length (m.)         32.8           Cable Length (m.)         9.00           Cable Length (m.)         9.00           Cable Length (m.)         9.00           Shipping Diametion         8.00           Shipping Weight (kg)         8.00           Shipping Versions (mwd / in.)         8.00           Cable Length (m.)         8.00           Shipping Weight (kg)	Panel Cable Number	24
Mode Type         Singlemode           Firmware / Software Docs         No           Offset Ports         No           PHYSICAL         Primary Form Factor           Cable Jacket Color         Yellow           Cable Jacket Rating         OFNP           Cable Jacket Rating         OFNP           Cable Jacket Rating         JS micron           Cable Darb Dimeter         9 micron           Primary Coating Diameter         245           Number of Fibers         8           Cable Langth (ft.)         32.8           Cable Langth (ft.)         39.3.7           Minimum Bend Radius         20MM (DYNAMIC): 10MM (STATIC)           Rack Height         3U           Shipping Dimensions (hwd / in.)         8.90           ENVIROMENTAL         Suo           Operating Temperature Range         4 TO 140 F (-20 TO 60 C)           Storage Temperature Range         4 TO 140 F (-20 TO 60 C)           Operating Temperature Range         5% TO 85% RH, NON-CONDENSING           Storage Humidity Range         5%	Panel Cable Length (m)	10
Firmware / Software Docs           Offset Ports         No           PHYSICAL         Primary Form Factor           Rackmount         Cable Jacket Color           Cable Jacket Rating         OFNP           Cable Uacket Rating         OFNP           Cable Durer Diameter (OD)         2.8MM           Clad Diameter         125 micron           Care Diameter         9 micron           Primary Coating Diameter         245           Number of Fibers         8           Cable Length (ft.)         32.8           Cable Length (m)         10.00           Cable Length (m)         393.7           Minnium Bend Radius         20MM (DYNAMIC); 10MM (STATIC)           Rack Height         3U           Shipping Dimensions (hwd / in.)         8.90 × 22.80 × 18.90           Shipping Temperature Range         4 TO 140 F (20 TO 60 C)           Strarge Temperature Range         4 TO 140 F (20 TO 60 C)           Operating Temperature Range         5% TO 85% RH, NON-CONDENSING           Storage Temperature Range         5% TO 85% RH, NON-CONDENSING           CommUNICATIONS         10 Obps / 40 Gbps / 100 Gbps: 400 GbE           Wavelength         1310nm; 1550nm	Fiber Panel Ports	(96) LC Duplex; (24) MTP/MPO
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PHYSICAL           Primary Form Factor         Rackmount           Cable Jacket Color         Yellow           Cable Jacket Rating         OFNP           Cable Jacket Rating         OFNP           Cable Jacket Rating         OFNP           Cable Duter Diameter (OD)         2.9MM           Cable Duter Diameter         125 micron           Core Diameter         9 micron           Primary Coating Diameter         245           Number of Fibers         8           Cable Length (ft.)         32.8           Cable Length (m)         10.00           Cable Length (m.)         393.7           Minimum Band Radius         20MM (OYNAMIC); 10MM (STATIC)           Rack Height         3U           Shipping Wieght (kg)         8.00           ENVRONMENTAL         0           Operating Temperature Range         4 TO 140 F (-20 TO 60 C)           Storage Temperature Range         4 TO 140 F (-20 TO 60 C)           Operating Temperature Range         4 TO 140 F (-20 TO 60 C)           Operating Temperature Range         4 TO 140 F (-20 TO 60 C)           Operating Temperature Range         4 TO 140 F (-20 TO 60 C)           Operating Temperature Range         5% TO 85% RH, NON-CONDENSING	Firmware / Software Docs	
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Shipping Weight (kg)       8.00         ENVIRONMENTAL         Operating Temperature Range       -4 TO 140 F (-20 TO 60 C)         Storage Temperature Range       -4 TO 140 F (-20 TO 60 C)         Operating Humidity Range       5% TO 85% RH, NON-CONDENSING         Storage Humidity Range       5% TO 85% RH, NON-CONDENSING         COMMUNICATIONS       10 Gbps / 40 Gbps / 100 Gbps; 400 GbE         Network Compatibility       10 Gbps / 40 Gbps / 100 Gbps; 400 GbE         Wavelength       1310nm; 1550nm	Rack Height	3U
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Operating Humidity Range       5% TO 85% RH, NON-CONDENSING         Storage Humidity Range       5% TO 85% RH, NON-CONDENSING         communications       5% TO 85% RH, NON-CONDENSING         Network Compatibility       10 Gbps / 40 Gbps / 100 Gbps; 400 GbE         Wavelength       1310nm; 1550nm	Operating Temperature Range	-4 TO 140 F (-20 TO 60 C)
Storage Humidity Range     5% TO 85% RH, NON-CONDENSING       communications       Network Compatibility     10 Gbps / 40 Gbps / 100 Gbps; 400 GbE       Wavelength     1310nm; 1550nm	Storage Temperature Range	-4 TO 140 F (-20 TO 60 C)
COMMUNICATIONS       Network Compatibility     10 Gbps / 40 Gbps / 100 Gbps; 400 GbE       Wavelength     1310nm; 1550nm	Operating Humidity Range	5% TO 85% RH, NON-CONDENSING
Network Compatibility     10 Gbps / 40 Gbps / 100 Gbps; 400 GbE       Wavelength     1310nm; 1550nm	Storage Humidity Range	5% TO 85% RH, NON-CONDENSING
Wavelength 1310nm; 1550nm	COMMUNICATIONS	
	Network Compatibility	10 Gbps / 40 Gbps / 100 Gbps; 400 GbE
Attenuation @ 1310NM 0.36dB/KM	Wavelength	1310nm; 1550nm
	Attenuation @ 1310NM	0.36dB/KM



Attenuation @ 1550NM	0.22dB/KM	
Insertion Loss	MTP/MPO: <0.70dB; LC: <0.30dB	
CONNECTIONS		
Side A - Connector 1	(24) MTP (FEMALE)	
Side B - Connector 1	(96) LC DUPLEX (FEMALE)	
Endface Polish	APC; UPC	
FEATURES & SPECIFICATIONS		
Push/Pull Tabs	Yes	
All-in-One Kit	Yes	
Built-in Cables	Yes	
Numbered Ports	Yes	
Optical Port	LC; MPO/MTP	
STANDARDS & COMPLIANCE		
Certifications	RoHS, REACH	
WARRANTY		
Product Warranty Period (Worldwide)	Lifetime limited warranty	

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