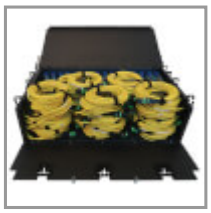
Preloaded Fiber Patch Panel, 3U - 48x (12F MTP/MPO-APC to 4x LC Duplex F/F) 8F Trunk Cables, OS2 Singlemode, 5 m (16.4 ft.)

MODEL NUMBER: **N48S-48M8L4-05**





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

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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 48 MTP/MPO-APC to LC Duplex 8-fiber singlemode trunk cables, all five meters (16.4 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-48M8L4-05 mounts in just 3U of space in an EIA-standard 19-inch rack.

Highlights

- 48 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
- 192 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-48M8L4-05 Preloaded Fiber Patch Panel
- (48) MTP/MPO-APC to LC Duplex trunk cables, 5 m (16.4 ft.)
- Installation guide

Specifications

OVERVIEW	
UPC Code	037332262783
Product Type	Preloaded
Technology	Singlemode
Optical Mode	OS2

Panel Dimensions	17.42" X 5.24" X 12.99"
Panel Cable Number	48
Panel Cable Length (m)	5
Mode Type	Singlemode
Firmware / Software Docs	
Offset Ports	No
CONNECTIONS	
Side A - Connector 1	(48) MTP/MPO (FEMALE)
Side B - Connector 1	(192) LC DUPLEX (FEMALE)
Endface Polish	APC; UPC
PHYSICAL	
Primary Form Factor	Rackmount
Rack Height	3U
Cable Jacket Color	Yellow
Cable Jacket Material	PVC
Cable Jacket Rating	OFNP
Cable Outer Diameter (OD)	2.9 mm
Clad Diameter (microns)	125
Core Diameter (microns)	9
Primary Coating Diameter (microns)	245
Number of Fibers	24
Cable Length (ft.)	16.4
Cable Length (m)	5.00
Cable Length (in.)	196.9
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	8.90 x 22.80 x 18.90
Shipping Weight (kg)	8.70
Unit Dimensions (hwd / in.)	5.230 x 17.400 x 12.990
Fiber Cable Length	5M (16.4 ft)
Panel Style	Preloaded Fiber Panel
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	
Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps
Wavelength	1310nm; 1550nm
Attenuation @ 1310NM	0.36 dB / km
Attenuation @ 1550NM	0.22 dB / km
Insertion Loss	MTP/MPO: 0.70 dB; LC: 0.30 dB
FEATURES & SPECIFICATIONS	
All-in-One Kit	Yes
Push/Pull Tabs	Yes
Numbered Ports	Yes
Built-in Cables	Yes
Optical Port	LC; MPO/MTP
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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