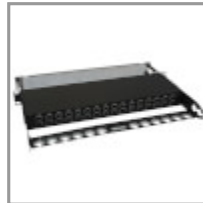


Spine-Leaf MPO Panel with Key-Up to Key-Up MTP/MPO Adapter - 12F MTP/MPO-PC M/M, 8F OM4 Multimode, 32 x 32 Ports, 1U

MODEL NUMBER: N48LSM-32X32



Highlights

- 1U patch panel designed for cost-effective spine and leaf cabling
- Replaces standard MTP/MPO-to-LC cross-connect to reduce troubleshooting and labor
- All-in-one solution for 50/125 multimode OM4 8-fiber network cabling
- Front and rear wire managers help organize cables and eliminate clutter
- Mounts easily into 1U of space in your EIA-standard 19 in. rack or cabinet

Package Includes

- N48LSM-32X32 Spine-Leaf MPO Panel, 32 x 32 Ports, 1U
- Owner's manual

1U network panel replaces a standard MTP/MPO-to-LC cross-connect with MTP/MPO Elite ports to eliminate rack clutter.

Features

1U Spine-Leaf Panel Simplifies Your Rack Connections and Helps You Keep Costs Down

This network patch panel is designed for spine and leaf architecture, which replaces a standard MTP/MPO-to-LC cross-connect with MTP/MPO ports and helps eliminate significant rack clutter. This data center network technology provides high-bandwidth, low-latency, non-blocking server-to-server connectivity, which saves you money, simplifies your rack cabling and improves network performance.

All-in-One Solution Consists of 2 Switch Layers: Spine and Leaf

The groundbreaking N48LSM-32X32 contains a complete spine leaf mesh topology, resulting in less labor, less troubleshooting and fewer errors. It features spine ports in the front that mate with a spine switch, as well as leaf ports in the rear that mate with a leaf switch. No LC-to-LC patching, double cassette or user cable shuffling is required with spine leaf architecture, which improves link performance.

Easy to Mount in Just 1U of Rack Space

This aluminum panel with key-up to key-up MTP/MPO adapter features 64 12-fiber Elite MTP/MPO-PC male ports: 32 front spine ports and 32 rear leaf ports. The N48LSM-32X32 mounts into 1U of space in an EIA-standard 19-inch rack. Cable managers in both front and rear help organize cabling and eliminate unsightly clutter.

Specifications

OVERVIEW	
UPC Code	037332268778
Product Type	Spine-Leaf
Technology	Fiber



Optical Mode	OM4
Panel Dimensions	17.56" X 1.73" X 14.76"
Fiber Panel Ports	(64) MTP/MPO
Mode Type	Multimode
Firmware / Software Docs	
Offset Ports	No
PHYSICAL	
Primary Form Factor	Rackmount
Color	Black
Connector Color	Gray
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	8
Total Number of Ports	64
Rack Height	1U
Shipping Dimensions (hwd / in.)	3.50 x 15.00 x 21.00
Shipping Weight (lbs.)	8.10
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	100 Gbps; 40 Gbps; 400 Gbps
Wavelength	1300nm; 850nm
Attenuation @ 850NM	3.0dB/KM
Attenuation @ 1300NM	1.0dB/KM
Insertion Loss	0.35dB
CONNECTIONS	
Number of Ports	64
Side A - Connector 1	(32) 12-STRAND MTP/MPO (MALE)
Side B - Connector 1	(32) 12-STRAND MTP/MPO (MALE)



Endface Polish	PC
FEATURES & SPECIFICATIONS	
Keystone Jacks	No
Push/Pull Tabs	No
All-in-One Kit	Yes
Down-Angled Ports	No
Built-in Cables	Yes
Color-Coded Connections	No
Numbered Ports	Yes
EIA/TIA 2/32 Spacing	No
Labeled Ports	Yes
Network Speed Support	100 Gbps; 40 Gbps; 400 Gbps
Optical Port	MPO/MTP
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2022 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>