

## 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 |
| Product Type | Preloaded    |
| Technology   | 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



|                                    |                                      |
|------------------------------------|--------------------------------------|
| Optical Mode                       | OS2                                  |
| Panel Dimensions                   | 17.42" X 5.24" X 12.99"              |
| Panel Cable Number                 | 24                                   |
| Panel Cable Length (m)             | 10                                   |
| Fiber Panel Ports                  | (96) LC Duplex; (24) MTP/MPO         |
| Mode Type                          | Singlemode                           |
| <b>Firmware / Software Docs</b>    |                                      |
| Offset Ports                       | No                                   |
| <b>PHYSICAL</b>                    |                                      |
| Primary Form Factor                | Rackmount                            |
| Cable Jacket Color                 | Yellow                               |
| Cable Jacket Rating                | OFNP                                 |
| Cable Outer Diameter (OD)          | 2.9MM                                |
| Clad Diameter (microns)            | 125                                  |
| Core Diameter (microns)            | 9                                    |
| Primary Coating Diameter (microns) | 245                                  |
| Number of Fibers                   | 8                                    |
| Cable Length (ft.)                 | 32.8                                 |
| Cable Length (m)                   | 10.00                                |
| Cable Length (in.)                 | 393.7                                |
| Minimum Bend Radius                | 20MM (DYNAMIC); 10MM (STATIC)        |
| Rack Height                        | 3U                                   |
| Shipping Dimensions (hwd / in.)    | 8.90 x 22.80 x 18.90                 |
| Shipping Weight (kg)               | 8.00                                 |
| <b>ENVIRONMENTAL</b>               |                                      |
| 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         |
| <b>COMMUNICATIONS</b>              |                                      |
| Network Compatibility              | 10 Gbps; 40 Gbps; 100 Gbps; 400 Gbps |
| Wavelength                         | 1310nm; 1550nm                       |
| Attenuation @ 1310NM               | 0.36dB/KM                            |



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

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