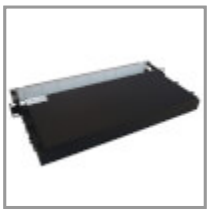
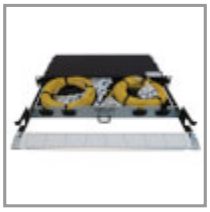
# Preloaded Fiber Panel, 1U - 2x (12x LC/LC Duplex M/M) 24F Trunk Cables, OS2 Singlemode, 20 m (65.6 ft.)

MODEL NUMBER: **N48S-2L24L-20**




1U 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 Panel, 1U - 2x (12x LC/LC Duplex M/M) 24F Trunk Cables, OS2 Singlemode, 20 m (65.6 ft.)

## Features

**1U 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 1U chassis features two 24-fiber LC Duplex singlemode trunk cables, both 20 meters (65.6 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. The N48S-2L24L-20 mounts in just 1U of space in an EIA-standard 19-inch rack.

## Highlights

- Dual LC Duplex 24-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
- Aluminum chassis mounts into 1U of space in EIA-standard 19 in. racks

## Applications

- 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-2L24L-20 Preloaded Fiber Panel
- (2) LC Duplex to LC Duplex trunk cables, 20 m (65.6 ft.)
- Installation guide

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332262479 |
| Product Type | Preloaded |
| Technology | Singlemode |
| Optical Mode | OS2 |
| Panel Dimensions | 17.32" X 1.73" X 10.20" |
| Panel Cable Number | 2 |
| Panel Cable Length (m) | 20 |

| | |
|---|---|
| Mode Type | Singlemode |
| **Firmware / Software Docs** | |
| Offset Ports | No |
| **CONNECTIONS** | |
| Side A - Connector 1 | (12) LC DUPLEX (MALE) |
| Side B - Connector 1 | (12) LC DUPLEX (MALE) |
| Endface Polish | UPC |
| **PHYSICAL** | |
| Primary Form Factor | Rackmount |
| Rack Height | 1U |
| Cable Jacket Color | Yellow |
| Connector Color | Blue; White |
| 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.) | 65.6 |
| Cable Length (m) | 20.00 |
| Cable Length (in.) | 787.4 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Shipping Dimensions (hwd / in.) | 4.30 x 22.80 x 18.90 |
| Shipping Weight (kg) | 3.60 |
| Fiber Cable Length | 20M (65.6 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 | 1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps; 400 Gbps |
| Wavelength | 1310nm; 1550nm |
| Attenuation @ 1310NM | 0.36 dB / km |
| Attenuation @ 1550NM | 0.22 dB / km |
| Insertion Loss | 0.30 dB |
| **FEATURES & SPECIFICATIONS** | |
| All-in-One Kit | Yes |
| Built-in Cables | Yes |
| Optical Port | LC |
| **STANDARDS & COMPLIANCE** | |
| Product Compliance | RoHS; REACH |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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