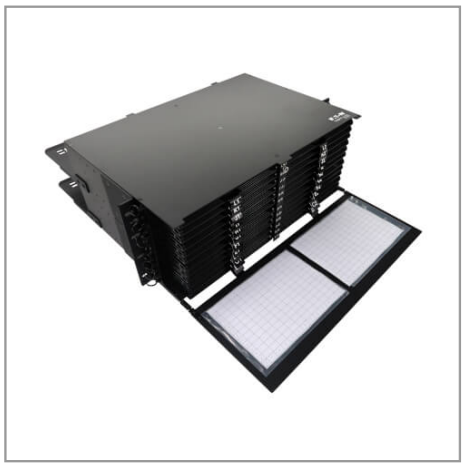
High-Density Panel Fiber Splice Enclosure - 24 Splicing Cassettes, 576 LC/UPC SM 0.9 mm, 1.5 m Pigtail, 4U Rack

MODEL NUMBER: **N600P-576U-24**



Provides up to 576 pre-loaded and unterminated singlemode fiber cables for on-site splicing in your data center rack.

Features

Adjust Cable Lengths and Connection Types On-Site to Meet Your Infrastructure Demands
This panel fiber splicing enclosure comes with 24 cassettes, each pre-loaded with 24 unterminated cables to give you more flexibility in adjusting cable lengths and connection types directly on-site. The N600P-576U-24 is ideal for singlemode fiber infrastructure in your data center rack or other high-density IT environment, including large enterprise, multi-tenant/colo (MTDC) and hyperscale installations.

Flexible Connections in Your Fiber Network
With 288 LC duplex ports and up to 576 splicing connections, the N600P-576U-24 provides you with a high level of scalability and density in your network design. By making your own cable splices manually, you can create a UPC connection at the perfect length for your unique infrastructure requirements.

Cable Management That's User Friendly
The 24 cassettes can be easily removed and opened for out-of-rack cable splicing. Numbered ports make identifying and mapping network connections easy, and a fold-down cover provides writing space for more exact port labeling. Included tubing protects each splice point, and included ties keep your patch cables well organized.

Installs Conveniently in Your Standard Server Rack
Included mounting brackets allows easy installation in 4U of space in your EIA-standard 19-inch rack. Integrated cable loops at the front of each cassette keep external cabling organized and minimize cable bends.

Highlights

- Recommended for large enterprise, multi-tenant/colo and hyperscale installations
- Allows on-site splicing of 576 UPC connections to meet your infrastructure requirements
- 288 LC duplex ports are numbered for quick ID and mapping of network connections
- Includes ties, wraps and tubing to keep internal cables sorted and protected
- Mounts into 4U of space in your standard 19 in. rack with included brackets

Package Includes

- N600P-576U-24 4U Panel Fiber Splice Enclosure
- (576) Single-splicing protective tubes
- (10) Nylon cable ties
- Velcro tie
- Spiral wrapping band
- Mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332280015
Product Type	Fiber Patch Panel

Technology	Singlemode
Optical Mode	OS2; SM
Panel Dimensions	19.10 x 8.86 x 18.51
Mode Type	Singlemode
Firmware / Software Docs	
Offset Ports	No
CONNECTIONS	
Cassette Capacity	24
Side A - Connector 1	LC
Endface Polish	UPC
Total Capacity	576 fibers
Number of Cassette Splicing Trays	24
Splicing Tray Dimensions (hwd/mm)	12.5 x 196.2 x 295
Cassette Splicing Tray Capacity	24 fibers
Cassette Patch Cord	LC/UPC Singlemode, 1.5 M Pigtail, 0.9 mm
PHYSICAL	
Primary Form Factor	Rackmount
Material of Construction	Metal
Connector Color	Green
Number of Fibers	576
Housing Color	Black
Minimum Required Rack Depth (cm)	48.26
Minimum Required Rack Depth (inches)	19
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	13.00 x 20.90 x 15.70
Shipping Weight (lbs.)	33.07
Shipping Weight (kg)	15.00
Unit Dimensions (hwd / in.)	6.930 x 19.000 x 18.500
Rack Units	4
Mounting Details	RACK MOUNT
ENVIRONMENTAL	
Operating Temperature Range	14° to 140° F (-10° to 60° C)
Storage Temperature Range	14° to 140° F (-10° 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; 800 Gbps
Wavelength	1550nm
Attenuation @ 1550NM	0.30dB/KM
Insertion Loss	0.30dB
FEATURES & SPECIFICATIONS	
Mounting Accessory Included	Yes
IP68 Rated	No
Numbered Ports	Yes
Built-in Cable Management	Yes
Keystone Jacks	No
Built-in Cables	No
Color-Coded Connections	No
EIA/TIA 2/32 Spacing	No
Labeled Ports	Yes
Optical Port	LC
Down-Angled Ports	No
Outdoor Use	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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