



High-Density Panel Fiber Splice Enclosure - 6 Splicing Cassettes, 144 LC/UPC SM 0.9 mm, 1.5 m Pigtail, 1U Rack

MODEL NUMBER: N600P-144U-6











Provides up to 144 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 six cassettes, each pre-loaded with 24 unterminated cables to give you more flexibility in adjusting cable lengths and connection types directly on-site. The compact N600P-144U-6 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 72 LC duplex ports and up to 144 splicing connections, the N600P-144U-6 provides 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 six 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 1U 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.

Specifications

OVERVIEW	
UPC Code	037332279934
Product Type	Fiber Patch Panel

Highlights

- Recommended for large enterprise, multi-tenant/colo and hyperscale installations
- Allows on-site splicing of 144 UPC connections to meet your infrastructure requirements
- 72 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 1U of space in your standard 19 in. rack with included brackets

Package Includes

- N600P-144U-6 1U Panel Fiber Splice Enclosure
- (144) Single-splicing protective tubes
- (10) Nylon cable ties
- Velcro tie
- · Spiral wrapping band
- Mounting hardware
- · Owner's manual





Technology	Singlemode	
Optical Mode	OS2; SM	
Panel Dimensions	19.10 x 1.73 x 18.51	
Panel Cable Number	24	
Panel Cable Length (m)	1.5	
Mode Type	Singlemode	
Firmware / Software Docs		
Offset Ports	No	
CONNECTIONS		
Side A - Connector 1	LC	
Endface Polish	UPC	
Total Capacity	144 fibers	
Number of Cassette Splicing Trays	6	
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	Blue	
Number of Fibers	144	
Housing Color	Black	
Minimum Required Rack Depth (cm)	54.61	
Minimum Required Rack Depth (inches)	21.5	
Rackmountable	Yes	
Shipping Dimensions (hwd / in.)	6.70 x 20.90 x 15.70	
Shipping Weight (lbs.)	11.69	
Shipping Weight (kg)	5.30	
Unit Dimensions (hwd / in.)	1.730 x 19.000 x 18.500	
Rack Units	1	
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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