Patch Panel

Matrix High Density Series (Modular with Cassettes)

1U LGX Fiber Patch Panel 24 Port LC APC-MTP Single mode

Datasheet

Part# HPQ9-KDZVZD-1AF

Product Features

- 24 LC APC Ports in 1U
- 2 MTP Elite (12 Fiber) Connectors in Rear for Core Connection
- Available with up to 288 LC Fiber Ports in 4U
- Splicing Kit Available (Optional)
- LC Pigtails, splice trays and Splice Sleeves Available

Description

OptoSpan Part# HPQ9-KDZVZD-1AF is a fully-loaded High Density Series modular (LGX fiber Cassette)Single-mode LC APC Flat1U fiber patch panel. It is a complete LGX fiber cassette based turnkey solution with a total of 24 LC APC fibers (12 Duplex LC APC) in 1U. In the rear, it offers 2 MTP Elite (12 Fiber Connector) Male/Pinned ports for connection to MPO/MTP backbone trunk. Pre-configured for . Internally, it contains low loss MTP Elite-LC APC assemblies to deliver lower insertion losses. This modular Fiber Patch Panel is factory pre-loaded with Qty. 1 24 fiber LC APC Duplex LGX fiber cassettes for quick implementations in 10/100G networks.

The OptoSpan Matrix High Density fiber patch panels are designed to accommodate high density applications in Data Centers and Telecommunication environments. This factory pre-populated and tested fiber patch panel saves on-site installation time and increase reliability. The design of enclosure allows for easy connection to the LC APC adapters. The design of enclosure allows for easy connection to the LC APC & MTP Elite connectors using OptoSpan's multi-fiber optical patch cords (sold separately) and is mountable in a standard 19in or 23in rack or cabinet frame. It is constructed with 16 Gauge Steel and coated with black electrostatic polyester powder coat paint. Please contact us to inquire about compatible OptoSpan patch cords to use with this Fiber Patch Panel. Optional LC/APC, SC, ST, and FC adapters are also available. Maximum expandable to 72 LC ports.

Technical Specifications

Total Fiber Count	24	Height	1U
Modular/Fixed	Modular	Front (Angled/Flat)	Flat
Fiber Optic Mode	OS2	Polarity	Method A
Num. of Modules	1	#Ports Per Module	24
Front Adapter Type	LC APC	Rear Adapter Type	MTP Elite
Front Port Count	12	Rear Port Count	2
Front Port Fiber Count	Duplex	Rear Port Fiber Count	12
Insertion Loss (MPO)	.10dB (Avg); .35dB (Max)	Return Loss (MPO)	> 60dB
Insertion Loss (LC/SC)	.18 (Avg) ; .30 (Max)	Return Loss (LC/SC)	>55/65 dB (UPC/APC)
Dimensions	17'W x 14'D x 1.75'H	Construction Material	16 Gauge Steel (Black)