

### Datasheet

Part# HPQ9-LDWVZQ-1AF

### Product Features

- 48 LC Ports in 1U
- 4 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 Pigtaills, splice trays and Splice Sleeves Available



### Description

OptoSpan Part# HPQ9-LDWVZQ-1AF is a fully-loaded High Density Series modular (LGX fiber Cassette) Single-mode LC Flat 1U fiber patch panel. It is a complete LGX fiber cassette based turnkey solution with a total of 48 LC fibers (24 Duplex LC) in 1U. In the rear, it offers 4 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 assemblies to deliver lower insertion losses. This modular Fiber Patch Panel is factory pre-loaded with Qty. 2 24 fiber LC 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 adapters. The design of enclosure allows for easy connection to the LC & 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	48
Modular/Fixed	Modular
Fiber Optic Mode	OS2
Num. of Modules	2
Front Adapter Type	LC
Front Port Count	24
Front Port Fiber Count	Duplex
Insertion Loss (MPO)	.10dB (Avg); .35dB (Max)
Insertion Loss (LC/SC)	.18 (Avg) ; .30 (Max)
Dimensions	17"W x 14"D x 1.75"H

Height	1U
Front (Angled/Flat)	Flat
Polarity	Method A
#Ports Per Module	24
Rear Adapter Type	MTP Elite
Rear Port Count	4
Rear Port Fiber Count	12
Return Loss (MPO)	> 60dB
Return Loss (LC/SC)	>55/65 dB (UPC/APC)
Construction Material	16 Gauge Steel (Black)