

## Datasheet

Part# HPQ9-LDAVZH-2AF

### Product Features

- 72 LC Ports in 2U
- 6 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 Pigtailed, splice trays and Splice Sleeves Available



### Description

OptoSpan Part# HPQ9-LDAVZH-2AF is a fully-loaded High Density Series modular (LGX fiber Cassette) Single-mode LC Flat 2U fiber patch panel. It is a complete LGX fiber cassette based turnkey solution with a total of 72 LC fibers (36 Duplex LC) in 2U. In the rear, it offers 6 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. 6 12 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 144 LC ports.

### Technical Specifications

|                        |                          |
|------------------------|--------------------------|
| Total Fiber Count      | 72                       |
| Modular/Fixed          | Modular                  |
| Fiber Optic Mode       | OS2                      |
| Num. of Modules        | 6                        |
| Front Adapter Type     | LC                       |
| Front Port Count       | 36                       |
| 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 3.5"H      |

|                       |                        |
|-----------------------|------------------------|
| Height                | 2U                     |
| Front (Angled/Flat)   | Flat                   |
| Polarity              | Method A               |
| #Ports Per Module     | 12                     |
| Rear Adapter Type     | MTP Elite              |
| Rear Port Count       | 6                      |
| Rear Port Fiber Count | 12                     |
| Return Loss (MPO)     | > 60dB                 |
| Return Loss (LC/SC)   | >55/65 dB (UPC/APC)    |
| Construction Material | 16 Gauge Steel (Black) |