

## Datasheet

Part# EPM9-LDKVWL-2AT

### Product Features

- 240 LC Fiber Ports (Expandable to 288 LC Fiber Ports in 2 RU)
- 10 MTP Elite (24 Fiber) Connectors in Rear for Core Connection
- Available with 12 Fiber MTP (10/40G) OR 24 Fiber MTP
- Super Compact Design with Panel depth of less than 7"
- Premium Front & Rear Wire Management Trays Included



### Description

OptoSpan Part# EPM9-LDKVWL-2AT is a fully-loaded Ultra Elite Series Single-mode LC-Loss Optimized MTP Elite rack-mount Slim/Compact (7" depth) fiber optic patch panel that offers 240 LC ports (120 Duplex LC) in 2 RU. In the rear, it offers 10 Loss Optimized MTP Elite (24 Fiber Connector) for connection to MPO/MTP backbone trunk. Pre-configured for Polarity Method A (Pin1 - Pin1) & type A (key-up to key-down) MTP Elite adapters. Internally, it contains low loss Loss Optimized MTP Elite-LC assemblies to deliver lower insertion losses for high speed networks that demand low power budgets. This Single-mode fiber optic patch panel configuration is ideally suitable for 40G/100G networks.

The OptoSpan Matrix Ultra Elite fiber opti patch panels are designed to accommodate high density applications in Data Centers and Telecommunication environments. This factory pre-populated and tested fiber optic patch panel saves on-site installation time and increase reliability. The Ultra Elite Series panels are designed to facilitate better cable management and provide more room for interaction with the LC adapters. The design of enclosure allows for easy connection to the LC & Loss Optimized 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 with proper polarity and terminations to use with this fiber optic patch panel

### Technical Specifications

Total Fiber Count	240
Modular/Fixed	-
Fiber Optic Mode	OS2
Num. of Modules	10
Front Adapter Type	LC
Front Port Count	120
Front Port Fiber Count	Duplex
Insertion Loss (MPO)	.10dB (Avg); .35dB (Max)
Insertion Loss (LC/SC)	.18 (Avg) ; .30 (Max)
Dimensions	-

Height	2U
Front (Angled/Flat)	Slim
Polarity	Method A
#Ports Per Module	24
Rear Adapter Type	MTP Elite
Rear Port Count	10
Rear Port Fiber Count	24
Return Loss (MPO)	> 60dB
Return Loss (LC/SC)	>55/65 dB (UPC/APC)
Construction Material	16 Gauge Steel (Black)