Optospan

Patch Panel

144 Port Fiber Optic Patch Panel 2U Multimode OM4 MTP-

Datasheet

Part# EPM4-LDCVZZ-2AT

Product Features

- 144 LC Fiber Ports (Expandable to 288 LC Fiber Ports in 2 RU)
- 12 MTP Elite (12 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# EPM4-LDCVZZ-2AT is a fully-loaded Ultra Elite Series Multimode (OM4) LC-Loss Optimized MTP Elite rack-mount Slim/Compact (7" depth) fiber optic patch panel that offers 144 LC ports (72 Duplex LC) in 2 RU. In the rear, it offers 12 Loss Optimized MTP Elite (12 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 Multimode (OM4) 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	144	Height	2U
Modular/Fixed	-	Front (Angled/Flat)	Slim
Fiber Optic Mode	OM4	Polarity	Method A
Num. of Modules	6	#Ports Per Module	24
Front Adapter Type	LC	Rear Adapter Type	MTP Elite
Front Port Count	72	Rear Port Count	12
Front Port Fiber Count	Duplex	Rear Port Fiber Count	12
Insertion Loss (MPO)	.10dB (Avg); .35dB (Max)	Return Loss (MPO)	> 20dB
Insertion Loss (LC/SC)	-	Return Loss (LC/SC)	-
Dimensions	-	Construction Material	16 Gauge Steel (Black)