Patch Panel

Matrix Ultra Density Series
(Fixed Configuration)

144 Port High Density MTP Patch Panel LC-MTP 24F

Datasheet

Part# UPL4-LQAVWH-1AF

Product Features

- 144 LC Fiber Ports in 1RU with Flat Front
- 6 MTP Elite (24 Fiber) Connectors in Rear for Core Connection
- Available with 12 Fiber MTP (10/40G) OR 24 Fiber MTP
- Compact Design with Panel depth of less than 11"
- Premium Front & Rear Wire Management Trays Included

Description

OptoSpan Part# UPL4-LQAVWH-1AF is a fully-loaded Matrix-UD Series ultra-high density Multimode (OM4) LC rack-mount MTP patch panel that offers 144 LC ports (36 Quad LC) in 1RU. In the rear, it offers 6 Low Loss 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/MPO adapters. Internally, it contains low loss Low Loss MTP Elite-LC assemblies to deliver lower insertion losses for high speed networks that demand low power budgets. This Multimode (OM4) MTP patch panel configuration is ideally suitable for 40G/100G networks.
The OptoSpan Matrix Ultra Density MTP patch panel are designed to accommodate high density applications in Data Centers and Telecommunication environments. This factory pre-populated and tested MTP patch panel saves on-site installation time and increase reliability. The Ultra Density 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 & Low Loss 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 MTP patch panel.

Technical Specifications

Total Fiber Count	144	Height	1U
Modular/Fixed	Fixed	Front (Angled/Flat)	Flat
Fiber Optic Mode	OM4	Polarity	Method A
Num. of Modules	-	#Ports Per Module	-
Front Adapter Type	LC	Rear Adapter Type	MTP Elite
Front Port Count	36	Rear Port Count	6
Front Port Fiber Count	Quad	Rear Port Fiber Count	24
Insertion Loss (MPO)	.10dB (Avg); .35dB (Max)	Return Loss (MPO)	> 20dB
Insertion Loss (LC/SC)	-	Return Loss (LC/SC)	-
Dimensions	17.5'W x 8.7'D x 1.75'H	Construction Material	16 Gauge Steel (Black)