Optospan

Patch Panel

Matrix MPO Series
(Modular with Cassettes)

48 Port SC MPO Rack Mount Fiber Patch Panel Multimode

Datasheet

Part# PPM3-SDWQZQ-1AF

Product Features

- 48 LC Fiber Ports in 1U
- 4 MPO (12 Fiber) Connectors in Rear for Core Connection
- Available with up to 96 LC Fiber Ports in 1U
- LC and SC Fiber Adapters Available
- (Optional) High Performance MPO Connectors Available

Description

OptoSpan Part# PPM3-SDWQZQ-1AF is a fully-loaded Matrix Series high density, modular (Fiber Cassette), Multimode (OM3/OM4) SC MPO patch panel. It is a complete Fiber cassette based turnkey solution with a total of 48 SC fibers (24 Duplex SC) in 1U. In the rear, it offers 4 MTP/MPO (12 Fiber) Male/Pinned ports 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 MTP/MPO-SC assemblies to deliver lower insertion losses. This modular MPO patch panel is factory pre-loaded with Qty. 4 12 fiber SC Duplex Fiber cassettes for quick implementations in 10/100G networks.
The OptoSpan Matrix MPO MPO patch panels are designed to accommodate high density applications in Data Centers and Telecommunication environments. This factory pre-populated and tested MPO patch panel saves on-site installation time and increase reliability. The design of enclosure allows for easy connection to the SC adapters. The design of enclosure allows for easy connection to the SC & MTP/MPO 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 MPO patch panel. Optional LC/APC, SC, ST, FC and Low loss MTP Elite (US Conec) adapters are also available. Maximum expandable to 48 SC ports

Technical Specifications

Total Fiber Count	48	Height	1U
Modular/Fixed	Modular	Front (Angled/Flat)	Flat
Fiber Optic Mode	OM3/OM4	Polarity	Method A
Num. of Modules	4	#Ports Per Module	12
Front Adapter Type	SC	Rear Adapter Type	MTP/MPO
Front Port Count	24	Rear Port Count	4
Front Port Fiber Count	Duplex	Rear Port Fiber Count	12
Insertion Loss (MPO)	.20 (Avg) ; .60 (Max)	Return Loss (MPO)	-
Insertion Loss (LC/SC)	.15 (Avg) ; .30 (Max)	Return Loss (LC/SC)	-
Dimensions	19'W x 14.2'D x 1.75'H	Construction Material	16 Gauge Steel (Black)