

48 Port Wall Mount Enclosure

Fiber Splicing & Termination Panel Ultimate Serviceability and Manageability

OptoSpan's WM-48 Wall Mount Termination and Splicing Enclosures provide a convenient, secure and organized housing for fiber optic connections and terminations, as well as a central point for splicing fiber optic cables for indoor or outdoor installations.

The WM-48 Wall mount fiber enclosures are frequently employed in a diverse range of applications, including data centers, telecommunication rooms, fiber-to-the-home (FTTH) installations and enterprise networks. These wall mount fiber termination enclosures are crucial to keeping fiber optic networks running smoothly and efficiently because of the roles they play in organizing and safeguarding fiber optic connections.

This WM-48 patch panel has two sections for fiber optic cable entry and exit. It can be pre-configured with up to four (4) MTP-LC cassettes, up to forty-eight (48) pass-through LC, SC, ST, or FC adapters, and up to forty-eight (48) fiber splicing capacity.

This wall-mounted patch panel includes cable management accessories, including cable ties, cable clips, and a grid label sticker, to support and organize cables, thereby reducing the risk of damage or tangling. Splice trays, pigtails, and multi-fiber (MTP/MPO) cables are available as optional accessories and can be pre-configured for use with this panel.



Key Features and Benefits:

Key Locks	Key locks included for both, the splicing, and the patching compartment
Splice and Termination Enclosure	Flexibility of cable termination or splicing in a single panel
Modular Design for up to 4 Cassettes, Adapter Panels or Splice Trays	Offers a compact, flexible, and modular solution for a variety of pre-terminated cables
Compatible with full line of OptoSpan HD Series Cassettes and Adapter Panels	Choose from the OptoSpan HD Series modules, such as four (4) MTP-LC cassettes, four (4) 12F pass-through LC, SC, ST, or FC adapter panels, or four (4) Splice Trays
Compatible with OptoSpan Armored and Non-Armored Cables	Simple to integrate this panel with SteelFlex and SteelPatch Armored and Non-Armored cables, enabling reliable networks
Compatible with OptoSpan Cable Glands	Offers a method for cable entry and exit as well as stress relief
16 Gauge Aluminum Body with Beige Polyester Powder Coat	Dependable and robust fiber optic network
20 Gauge Aluminum Splice Trays	Rugged splice chip that is pre-installed and ready for fusion, mechanical, or ribbon splicing
Double Doors	Double doors offer security and convenience



Splice Trays



Dedicated Compartments and Trays	Protects delicate fiber splices as well as separate entry and exit cables
Spacious Interior Sections	Facilitates field access and installation
Rugged Construction and Locking Mechanism	Improve Physical Security
Rubber Entrance Ports	Cable entry ports are simple to open and close when installing cable glands for strain relief
Included Cable Management Accessories	Improve the identification and upkeep of cables and connectors
Turn-key Pre Installed Option	To save time in the field, panels can be delivered pre-installed with MTP-LC cassettes, adapter panels, pigtails, or cable glands
Made in USA	Made in the USA from the highest quality components to assure years of dependable use

Dimensions:	14"L x 12"W x 3.29"D (12lbs)
Cable Entry Ports:	(4) 1 1/2" cable entry ports (2 Top, 2 Bottom)

Maximum Capacity:	
MTP-LC Cassettes:	Qty. 4 (12F) High Density MTP-LC Cassettes
Termination (Pass-through):	Qty. 4 (12F) High Density Series Adapter Panels. MPO, LC SC, ST, FC pass through options available.
Splicing:	Qty. 4 (12F) High Density Series LC, SC, ST or FC Adapter Panels with Pigtails and Qty. 4 12F Splice Trays

<i>OptoSpan WM Series Panel Specifications and Max Capacity</i>									<i>Pre-Terminated Fiber Cable Compatibility with WM Series Panels</i>			
Model	# Slots	Max. Fibers	# HD Series Cassettes	# HD Series Adapter Panels	# Splice Trays	# Entry Ports	Entry Port Size	Cable Glands for Entry Ports	SteelFlex Armored	SteelPatch Armored	MTP/MPO 12F - 144F	Breakout LC/SC/ST/FC
	Incl.	Incl.	Opt.	Opt.	Opt.	Incl.	Incl.	Opt.	Opt.	Opt.	Opt.	Opt.
WM-48	4	96	4	4	4	4	1 1/2"	✓	✓	✓	✓	✓
WM-96	8	192	8	8	6	8	1 1/2"	✓	✓	✓	✓	✓
WM-144	12	288	12	12	6	8	1 1/2"	✓	✓	✓	✓	✓
WM-288	24	576	24	24	12	8	1 1/2"	✓	✓	✓	✓	✓

<i>Compatible OptoSpan Cables and Accessories</i>				
Outdoor IP68 Series Waterproof Cables	MTP/MPO Trunks & Harnesses	12F – 144F Breakout Cables	High Density Series MTP-LC Cassettes	High Density Series MPO, LC, SC, ST, FC Adapter Panels
				

