# 144 Port Wall Mount Enclosure

## Fiber Splicing & Termination Panel
## Ultimate Serviceability and Manageability

OptoSpan's WM-144 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-144 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-144 patch panel has two sections for fiber optic cable entry and exit. It can be pre-configured with up to twelve (12) MTP-LC cassettes, up to one hundred and forty four (144) pass-through LC, SC, ST, or FC adapters, and up to one hundred and forty four (144) 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.
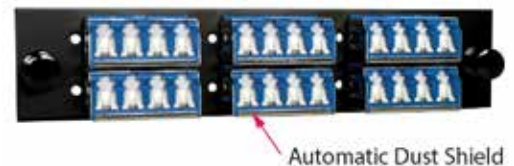
## Exclusive Feature:

**IP5x Rated LC Adapter Panels with Automated Dust Shield**

Select Series Patch Panels feature OptoSpan's exclusive LC Adapter Panels with and IP5x compliant 100% automated dust shield to keep the LC connectors clean and prevent network failures. No Dust Caps Required!

*"The leading casue of packet corruption and link downtime in the fiber optic network are the contaminated connectors."*

Automatic Dust Shield

## Key Features and Benefits:

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| **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 12 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 twelve (12) MTP-LC cassettes, twelve (12) 12F pass-through LC, SC, ST, or FC adapter panels, or six (6) 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 |

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| *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 |
| *Dedicated Compartments and Trays* | Protects delicate fiber splices as well as separate entry and exit cables |
| *Spacious Interior Sections* | Facilitates field access and installation |
| *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 |
| *Made in USA* | Made in the USA from the highest quality components to assure years of dependable use |

Splice Trays

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| **Dimensions:** | 16.8"L x 17.3"W x 6"D (13lbs) |
| **Cable Entry Ports:** | (8) 1 1/2" cable entry ports (4 Top, 4 Bottom) |

| **Maximum Capacity:** | |
|---|---|
| MTP-LC Cassettes: | Qty. 12 (12F) High Density MTP-LC Cassettes |
| Termination (Pass-through): | Qty. 12 (12F) High Density Series Adapter Panels. MPO, LC SC, ST, FC pass through options available.. |
| Splicing: | Qty. 12 (12F) High Density Series LC, SC, ST or FC Adapter Panels with Pigtails and Qty. 6 12F/24F Splice Trays |

| | OptoSpan WM Series Panel Specifications and Max Capacity | | | | | | | | Pre-Terminated Fiber Cable Compatibility with WM Series Panels | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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" | ✓ | ✓ | ✓ | ✓ | ✓ |

Made in USA