

FHD-FWME2 Wall Mount Fiber Enclosure

Designed to provide a convenient convergence point for interconnecting and splicing in wall mount applications.



Description

FHD Fiber Optic Wall Mount Enclosures can be used as an interconnect or cross-connect in any telecommunications room and can use FHD series fiber adapter panels and cassettes (exclude 36F). Enclosures are designed to manage and organize fiber distribution in areas where space is limited.

Features

- Dual Doors with Slam Latch for Ease of Access.
- Optional Key/Lock Kit Secures Service-side Door or Customer-side Doors.
- Accepts FHD Series Adapter Panels, MTP Cassettes (Exclude 36F), and Splice Trays for Multiple Solution Capabilities.
- Removable Cable Entry/Exit Grommets Allow for Pre-terminated Fiber Trunk Installation, Cable Protection, and Minimizes Dust Build-up.
- Ensure Signal Integrity, Proper Cable Routing, Bend Radius Control and Cable Protection.

Standards Compliance

- TIA/EIA-568-C.3
- RoHS Compliant
- ISO9001 Certificate

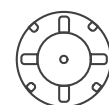
Product Specifications

Capacity	2 Ports
Fiber Count	Max. 48 Fibers
Enclosure Type	Wall-mountable
Material	SPCC (Black Coating)
Dimensions (HxWxD)	10.2"x13.0"x2.3" (259.6x330.6x59.1mm)
Installation	FHD Series FAPs and Cassettes (Exclude 36F)

Environmental Characteristics

Operating Temperature	-25°C to 50°C
Storage Temperature	-40°C to 65 °C
Installation Temperature	0°C to 50°C

Accessories List



Slack Spool x2



Grommet x4



Strain Relief Bracket x4



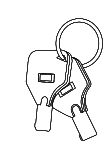
Cable Tie x2



M4*8 Screw x6 and M4 Nut x10



Location Label x1



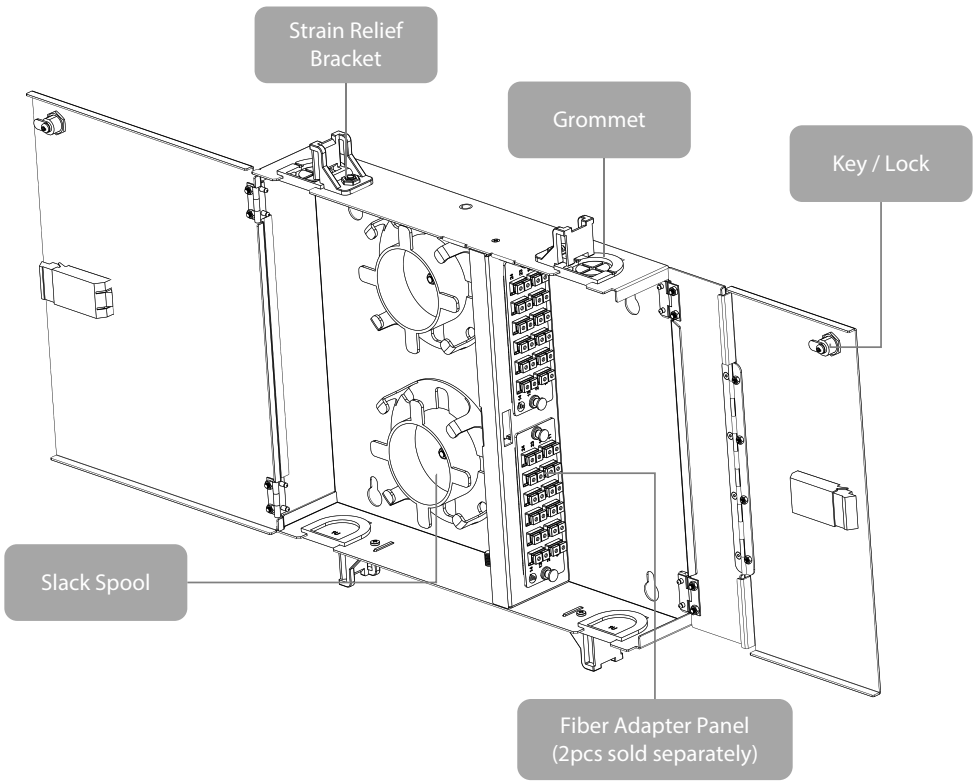
Key x2



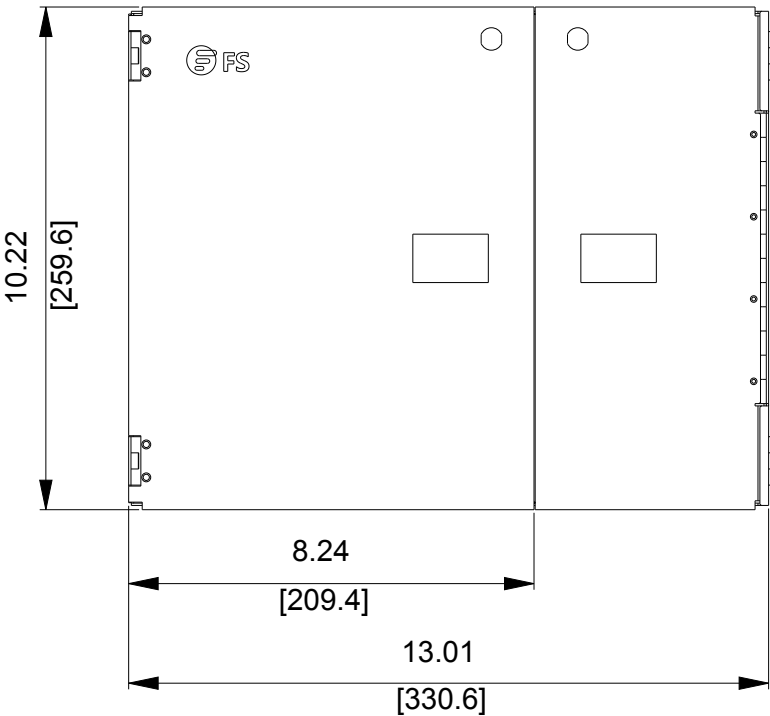
Screwdriver x1

Layout and Dimensions

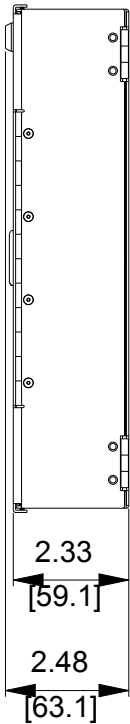
Assembly Structure Illustration



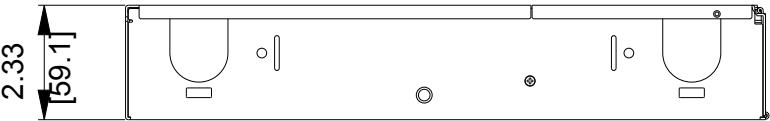
Front View



Side View



Bottom View



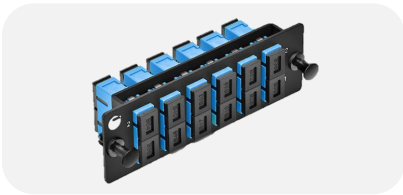
Dimensions are in inches. (Dimensions in parentheses are in millimeters).

Product Application

I. Patch Cord Connections



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Item No.	#ID	Description
1	#40234	1m (3ft) SC UPC to SC UPC Duplex Single Mode Fiber Patch Cable
2	#35484	6x SC Duplex, 12 Fibers OS2 Single Mode FHD Fiber Adapter Panel
3	#50550	FHD Fiber Optic Wall Mount Enclosure, 2-Door 2-Adapter Panel

II. Fiber Optic Splicing



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③



④



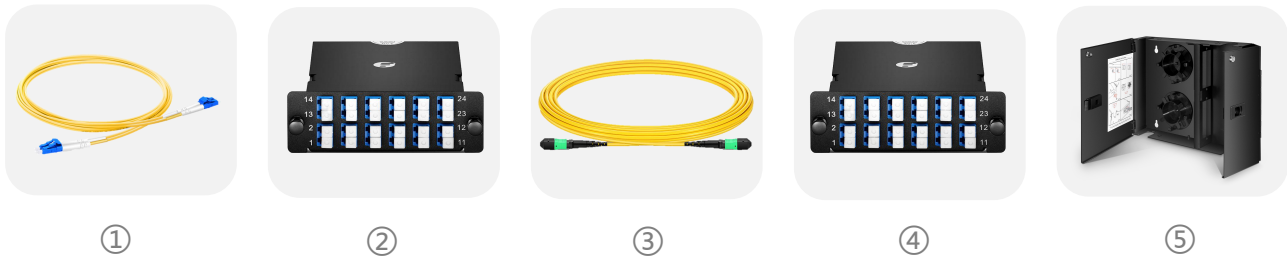
⑤



⑥

Item No.	#ID	Description
1	#42459	1m (3ft) 12 Fibers LC/UPC 9/125 Single Mode Color-Coded Fiber Optic Pigtail
2	#28774	24 Fibers Fusion Splice Tray, Plastic, 6.26"x4.13"x0.72"
3	#73717	Splice Tray Holder for FHD Wall Mount Enclosure
4	#50550	FHD Fiber Optic Wall Mount Enclosure, 2-Door 2-Adapter Panel
5	#50550	12x LC Duplex, 24 Fibers OS2 Single Mode FHD Fiber Adapter Panel
6	#68294	1m (3ft) Grade B LC UPC to LC UPC Duplex OS2 Fiber Patch Cable

III. MTP Cabling Management



Item No.	#ID	Description
1	#68294	1m (3ft) Grade B LC UPC to LC UPC Duplex OS2 Fiber Patch Cable
2	#57341	2x MTP-12 to 12x LC Duplex, Type A, 24 Fibers OS2 FHD MTP/MPO Cassette
3	#68102	5m (16ft) MTP Female 12 Fibers OS2 9/125 Single Mode Trunk Cable, Type A
4	#68540	2x MTP-12 to 12x LC Duplex, Type AF, 24 Fibers OS2 FHD MTP/MPO Cassette
5	#50550	FHD Fiber Optic Wall Mount Enclosure, 2-Door 2-Adapter Panel

Note:

The basic application and matching products for wall mount enclosures are shown for reference.

Fiber Enclosure Loading

I. Fiber Adapter Panel

Description	#ID (OS2)	#ID (OM4)
24F, 12x LC Duplex Fiber Adapter Panel	#35488	#51284
12F, 16x SC Duplex Fiber Adapter Panel	#35484	#41998
12x MTP® Key Up to Key Down Fiber Adapter Panel	#35510	#35510
8x MTP® Key Up to Key Up Fiber Adapter Panel	/	#52022
6F, 6x ST Simplex Fiber Adapter Panel	#183380	#183382
8F, 8x ST Simplex Fiber Adapter Panel	#183381	#183383
12F, 12x LSH Simplex Fiber Adapter Panel	#336339	/
48F, 12x MDC 2-Port Duplex Fiber Adapter Panel	#147015	/
6-Port Multimedia Modular Panel with 6 Plastic Clips	#143239	#143239

II. MTP®/MPO Cassette

Description	#ID (OS2)	#ID (OM4)	#ID (OM5)
8F, MTP®-8 to 4x LC Duplex Cassette, Universal	#68401	#68402	/
16F, 2x MTP®-8 to 8x LC Duplex Cassette, Universal	/	#230555	/
24F, 3x MTP®-8 to 12x LC Duplex Cassette, Universal	#143164	#68399	/
24F, 3x MTP®-8 to 2x LC Shuttered Duplex Cassette, Universal	#181822	#181823	/
12F, MTP®-12 to 6x LC Duplex Cassette, Type A	#57016	#57017	#174246
12F, MTP®-12 to 6x LC Duplex Cassette, Type AF	#57037	#57038	#174247
12F, MTP®-12 to 6x LC Duplex Cassette, Universal	#182641	#182642	/
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Type A	#57341	#57342	#174248
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Type AF	#68540	#68541	#174249
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Universal	#182643	#182644	/

II. MTP®/MPO Cassette

Description	#ID (OS2)	#ID (OM4)	#ID (OM5)
24F, MTP®-24 to 12x LC Duplex Cassette, Type A	#57023	#57024	/
24F, MTP®-24 to 12x LC Duplex Cassette, Type AF	#68549	#68550	/

III. Splice Tray

Description	Fiber Count	#ID
24F, Fusion Splice Tray, Plastic, 6.26"x4.13"x0.72"	24F	#28774
12F, Fusion Splice Tray, Plastic, 6.42"x3.96"x0.69"	12F	#28773
Splice Tray Holder for FHD Wall Mount Enclosure	N/A	#73717

*MTP® is a registered trademark of US Conec Ltd.
*The US Conec MTP® connectors are fully compliant with the MPO standards.

Warranty Information

For FS product warranties, visit <https://www.fs.com/policies/warranty.html>