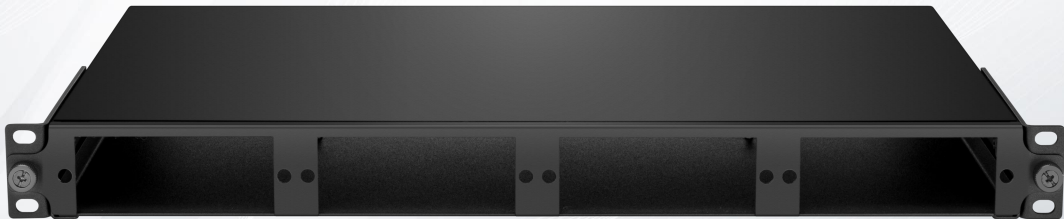


# FHD-1UFMT-S Rack Mount Enclosure

Designed for the data center environment, serves as a protection function for fiber management.



## FHD 1U Sliding and Tilt-down Rack Mount Fiber Enclosure

FHD 1U rack mount sliding and tilt-down fiber enclosure, which is designed to accept up to 4 FHD series MTP® modular cassettes or fiber adapter panels within a 1U space. Fibers are easily accessible through a sliding, tilt-down drawer, while rear cable management maintains proper slacking and spooling. It is able to serve as a transition from backbone cabling to distribution switching, an interconnect to active equipment, or as a cross-connect or interconnect in a main or horizontal distribution area.

## Standards Compliance

- RoHS Compliant
- ISO9001 Certificate
- WEEE Certificate

## Features

- Sliding and 15° Tilt-down Drawer for Easy Deployment
- Compatible with All FHD Cassettes, Panels, and Splice Trays
- Up to 144 Fibers (LC) or 1,152 Fibers (MTP®-24)
- Space Saving 1U Design, Mount to Standard EIA 19" Rack Rails
- No Need for Additional Tools Enabling Faster MACs
- Rear Cable Management Maintains Proper Slacking and Spooling

## Product Specification

**ID Number**

#145167

**Pic.**

**Part Number**

FHD-1UFMT-S

**Number of Rack Spaces**

1U

**Fiber Count**

Up to 144 Fibers (LC) or 1,152 Fibers (MTP®-24)

**Product Type**

Sliding and Tilt-down Enclosure

**Cable Entry Direction**

Rear Cable Entry

**Loaded**

Unloaded

**Material**

Steel, Powder-coated Black

**Working angle**

15°

**Weight**

7.58lbs (3.44kg)

**Mounting Type**

Rack Mount

**Installation**

Standard EIA 19" Rack Rails

**Dimensions (HxWxD)**

1.73"x19.00"x12.20" (44.0x482.6x311.0mm)

**Application**

Accepts 4 FHD Panels/Cassettes

## Environmental Characteristics

**Operating Temperature**

-25°C to 50°C

**Storage Temperature**

-40°C to 65°C

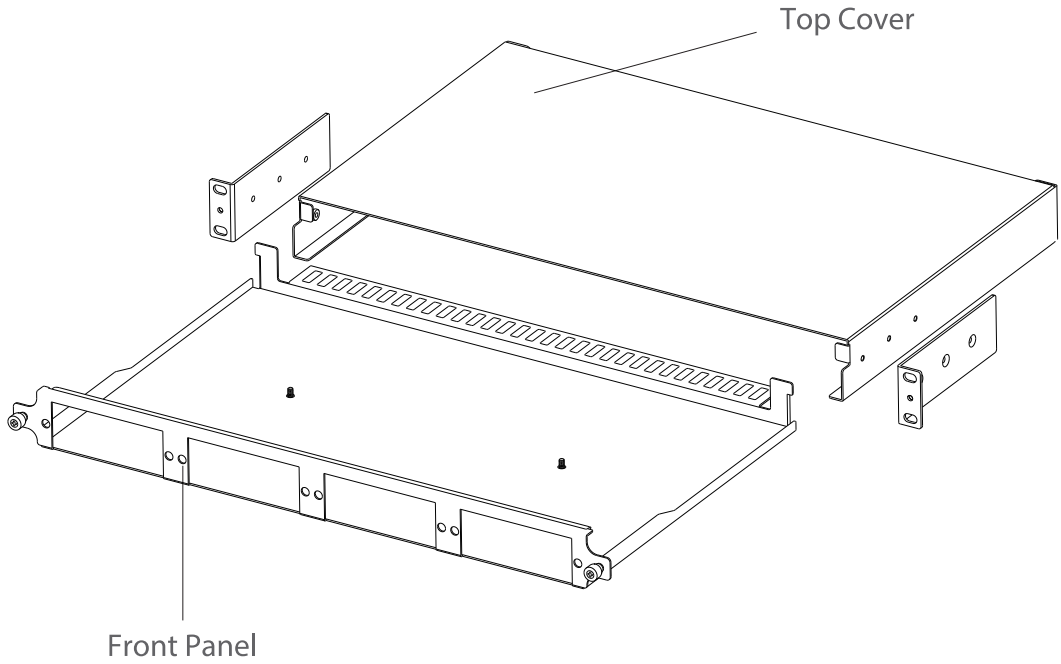
**Installation temperature**

0°C to 50°C

**Salt Mist Cyclic Test**

48H

### Assembly Structure Illustration



### Accessories List

<p><b>WARNING</b></p>	<p>Laser Warning Label x1</p>		<p>Slack Spool x2</p>		<p>Loop Cable Tie Mount x2</p>
	<p>Adhesive Cable Entry x2</p>		<p>Cable Tie x6</p>		<p>Plastic Rivet x4</p>
	<p>Screw Package x1</p>		<p>Nylon Cable Tie x4</p>		<p>Screwdriver x1</p>
	<p>M4*8 Crew x4 and M4 Nut x8</p>		<p>M6*15 Crew x4 and M6 Nut x4</p>		

## Fiber Enclosure Capacity

Description	ID Number	Part Number	Capacity	Max. Fiber Count (LC)
FHD 1U Sliding Rack Mount Enclosure	#70361	FHD-1UFCE	4 Ports	144F
FHD 2U Sliding Rack Mount Enclosure	#73205	FHD-2UFCE	8 Ports	288F
FHD 4U Sliding Rack Mount Enclosure	#73206	FHD-4UFCE	12 Ports	432F
FHD 1U Fixed Rack Mount Enclosure	#96427	FHD-1UFMT-N	4 Ports	144F
FHD 1U Sliding and Tilt-down Rack Mount Fiber Enclosure	#145167	FHD-1UFMT-S	4 Ports	144F
FHD 1U Modular Rack Mount Enclosure	#70419	FHD-1U-CMP400	4 Ports	144F
FHD 1U Blank Rack Mount Enclosure	#72910	FHD-FPP5DRL	4 Ports	144F
FHD Wall Mount Enclosure	#50550	FHD-FWME2	2 Ports	48F

## Fiber Enclosure Loading List

### I. Fiber Adapter Panels

Description	ID Number (OS2)	ID Number (OM4)
24F, 12x LC Duplex Fiber Adapter Panel	#35488 (UPC) #25514 (APC)	#41998 (UPC)
36F, 18x LC Duplex Fiber Adapter Panel	#133613 (UPC)	#133614 (UPC)
12F, 6x SC Duplex Fiber Adapter Panel	#35484 (UPC) #41986 (APC)	#51284 (UPC)
8x MTP® Key Up to Key Up Fiber Adapter Panel	-	#52022
12x MTP® Key Up to Key Down Fiber Adapter Panel	#35510	#35510
6F, 6x ST Simplex Fiber Adapter Panel	#151610	#151612
8F, 8x ST Simplex Fiber Adapter Panel	#151611	#151613
48F, 12x MDC 2-Port Duplex Fiber Adapter Panel	#147015 (UPC)	-
6-Port FHD Multimedia Modular Panel with 6x Plastic Clips	#66602	#66602

## II. MTP®/MPO Cassettes

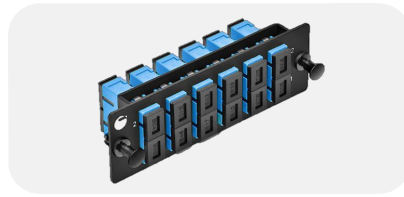
Description	ID Number (OS2)	ID Number (OM4)
8F, MTP®-8 to 4x LC Duplex Cassette	#68401	#68402
24F, 3x MTP®-8 to 4x LC Duplex Cassette	#143164	#68399
12F, MTP®-12 to 6x LC Duplex Cassette, Type A	#57016	#57017
12F, MTP®-12 to 6x LC Duplex Cassette, Type AF	#57037	#57038
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Type A	#57341	#57342
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Type AF	#68540	#68541
36F, 3x MTP®-12 to 12x LC Duplex Cassette, Type A	#105333	#105335
36F, 3x MTP®-12 to 12x LC Duplex Cassette, Type AF	#105334	#105336
24F, MTP®-24 to 12x LC Duplex Cassette, Type A	#57023	#57024
24F, MTP®-24 to 12x LC Duplex Cassette, Type AF	#68549	#68550
12F, MTP®-12 to 6x SC Duplex Cassette, Type A	#57058	-
48F, 4x MTP®-12 to 8x MDC 3-Port Duplex Cassette, Type A	#147014	-

## Product Application

### I. Patch Cord Connections



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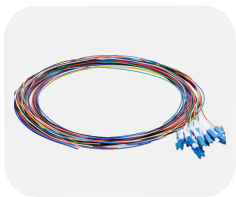
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Item No.	ID Number	Description
1	#40234	1m (3ft) SC UPC to SC UPC Duplex Single Mode Fiber Patch Cable
2	#35484	6x SC Duplex, 12 Fibers OS2 Single Mode FHD Fiber Adapter Panel
3	#145167	1U Sliding and Tilt-down Rack Mount Fiber Enclosure

### II. Fiber Optic Splicing



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Item No.	ID Number	Description
1	#42459	1m (3ft) 12 Fibers LC/UPC 9/125 Single Mode Color-Coded Fiber Optic Pigtail
2	#64246	24 Fibers Optical Splice Tray for FHD Fiber Enclosure
3	#145167	1U Sliding and Tilt-down Rack Mount Fiber Enclosure
4	#35488	12x LC Duplex, 24 Fibers OS2 Single Mode FHD Fiber Adapter Panel
5	#68294	1m (3ft) Grade B LC UPC to LC UPC Duplex OS2 Fiber Patch Cable

### III. MTP Cabling Management



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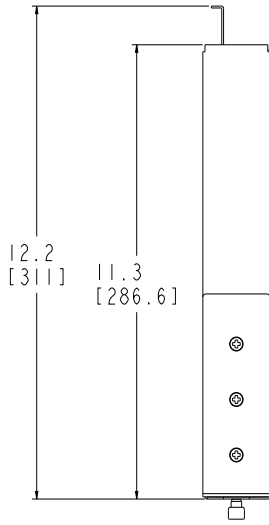
Item No.	ID Number	Description
1	#68294	1m (3ft) Grade B LC UPC to LC UPC Duplex OS2 Fiber Patch Cable
2	#57341	2x MTP®-12 to 12x LC Duplex, Type A, 24 Fibers OS2 FHD MTP®/MPO Cassette
3	#68102	5m (16ft) MTP® Female 12 Fibers OS2 9/125 Single Mode Trunk Cable, Type A
4	#68540	2x MTP®-12 to 12x LC Duplex, Type AF, 24 Fibers OS2 FHD MTP®/MPO Cassette
5	#145167	1U Sliding and Tilt-down Rack Mount Fiber Enclosure

**Note:**

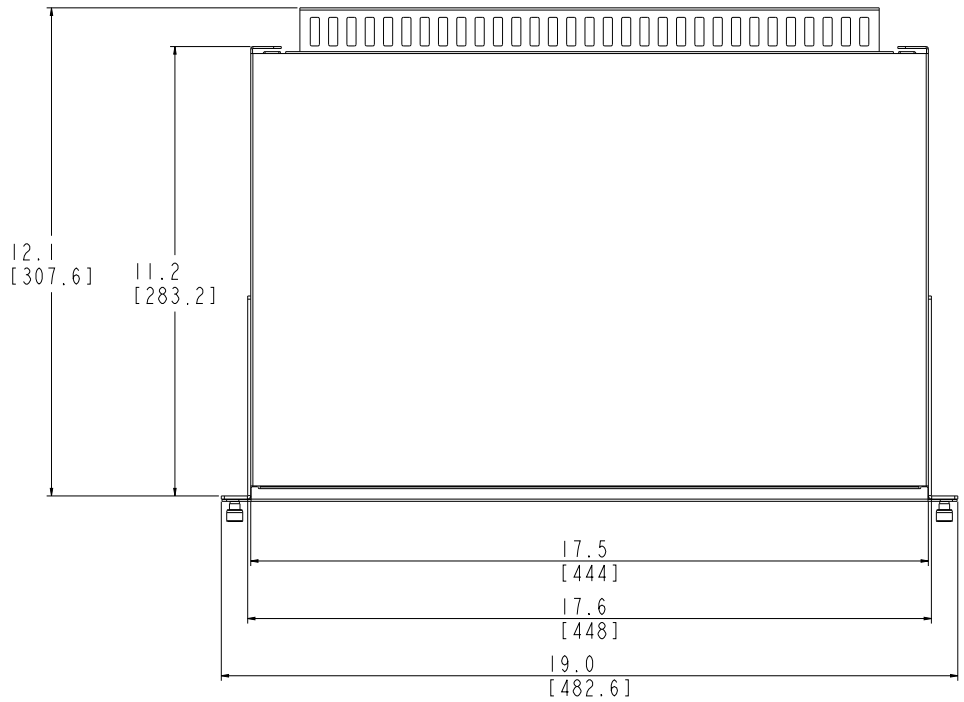
The basic application and matching products for the enclosure are shown for reference.

## Product Specifications

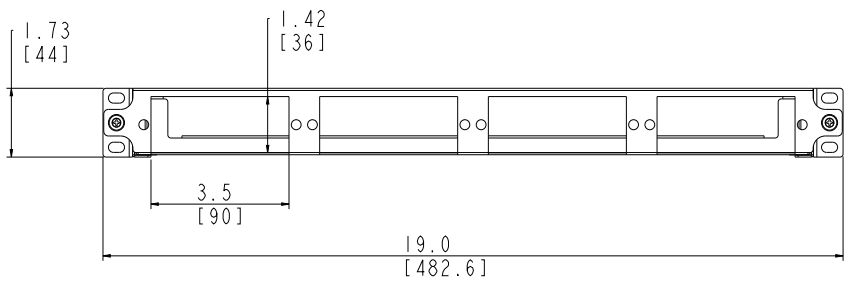
Side View



Top View



Front View



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





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