

FHX 1U Rack Mount Fiber Enclosure

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



Description

FHX 2-Layer slide-out fiber rack mount enclosures are available in 1U sizes (FHX-1UFSE8F, FHX-1UFSE12F) and mount into 19" racks or cabinets. It is designed to accept up to 96 fibers with 12pcs FHX base-8 MTP®/8pcs FHX base-12 MTP® cassettes, providing versatility and flexibility management with sufficient connector finger access.

Features

- Up to 96 fibers in 1U space.
- Removable rear cover provides easier access to modules.
- Identifiers on housing for identification as Base-8/Base-12 component.
- Sliding drawer with locks provides better accessibility.
- Rear and side cable entry manage fiber slack storage.

Standards Compliance & Regulations

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

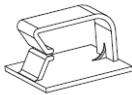
Product Specifications	
No. of Rack Spaces	1U
Capacity	8/12 Ports
Fiber Count	Max. 96 Fibers
Enclosure Type	Rack-mountable
Enclosure Material	SGCC, AL5052
Dimensions (HxWxD)	1.75"×19.00"×17.47"(44.4×482.6×443.8mm)
Installation	FHX Series Cassettes

Environmental Characteristics	
Operating Temperature	-25°C to 50°C (−13°F to 122°F)
Storage Temperature	-40°C to 65 °C (−40°F to 149°F)
Installation temperature	0°C to 50°C (32°F to 122°F)

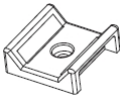
Accessories List



Laser Warning Label x1



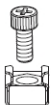
Adhesive Bevel Entry Clip x 3



Loop Cable Tie Mount x 3



Screwdriver x 1



M6*15 Screw x 4
M6 Nut x 4



Screw Package x 1



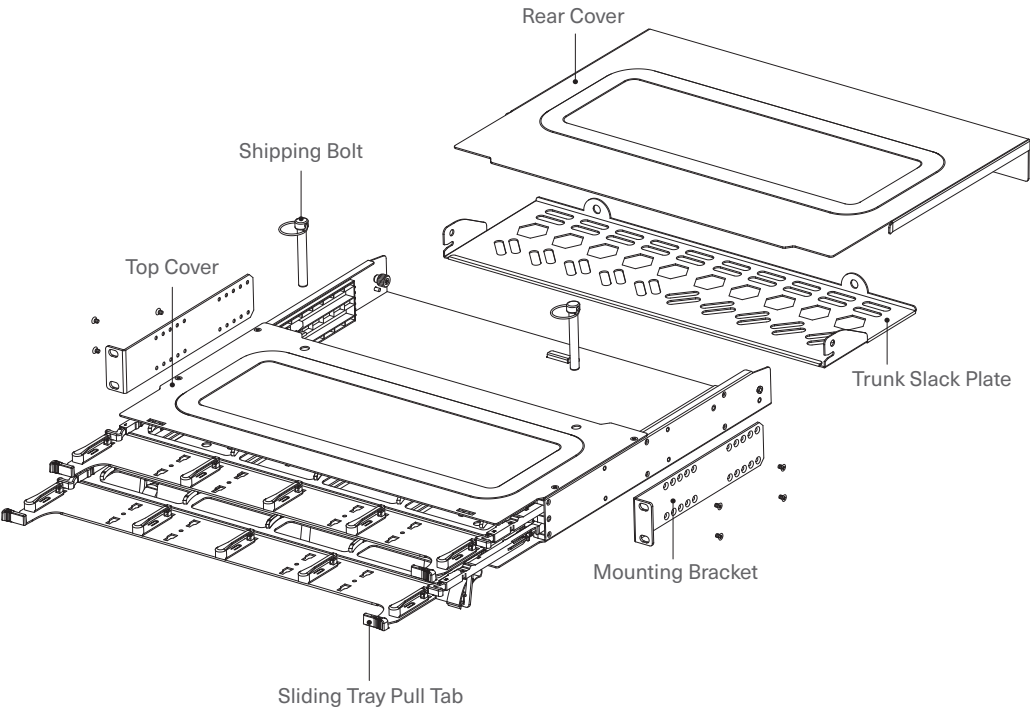
Nylon Cable Tie x 10



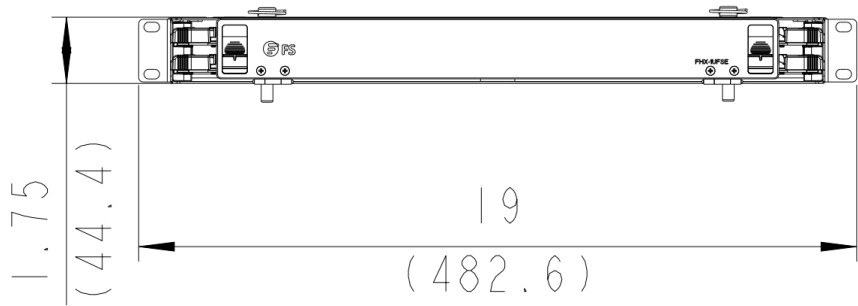
Cable Tie x 6

Layout and Dimensions

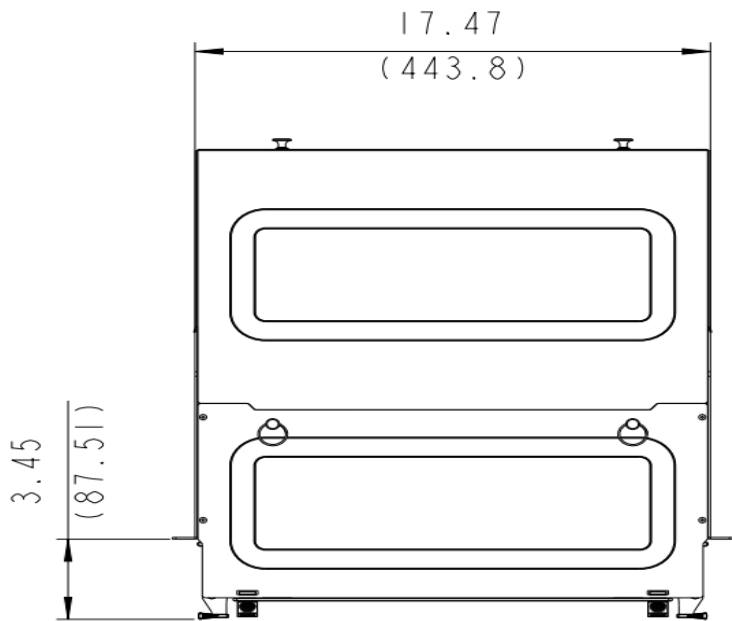
Assembly Structure Illustration



Front View



Top View



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

Fiber Enclosure Loading List

MTP®/MPOCassette

Description	#ID (OS2)	#ID (OM4)
8F, MTP®-8 to 4x LC Cassette, Universal	#238161	#238163
12F, MTP®-12 to 6 LC Cassette, Universal	#238169	#238175
12F, MTP®-12 to 6 LC Cassette, Type A	#238165	#238171
12F, MTP®-12 to 6 LC Cassette, Type AF	#238167	#238173

*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>