

# HD Flex™ Fiber Enclosures

## specifications

The enclosure shall house, organize, manage and protect fiber optic cable, terminations, splices, connectors and patch cords. Enclosure shall accommodate all HD Flex™ cassettes, fiber adapter panels (FAP), trunk cables, connectors and patch cords. Enclosure shall provide front access with drawers that slide out into two locked positions, regardless of how many enclosures are stacked together. Enclosure trays shall allow for half of the tray to operate independently, an ideal option for redundant networks. Enclosure shall allow cassettes and FAPs to be installed by dropping them into the front of the enclosure tray or sliding them into the rear of the enclosure tray which allows each individual cassette/FAP to be removed with minimal disruption to other cassettes/FAPs. Enclosure shall be constructed of steel material. Enclosure shall be able to be adapted to accept either 6-port cassettes and 12-port cassettes.



## technical information

<b>Mounting:</b>	Integral mounting flange for installation in 19" wide EIA-310 racks
<b>Material:</b>	Steel enclosure

## key features and benefits

<b>Modular design accepts up to 12 HD Flex™ Fiber Cassettes or Fiber Adapter Panels per rack unit</b>	Provides higher patch field density in fewer rack units saving valuable rack space
<b>Compatible with all HD Flex™ Fiber Cassettes and Fiber Adapter Panels</b>	Provides versatility and flexibility with a fully modular solution for a variety of pre-terminated installations
<b>Rack/Cabinet Rail Mounting Cable Management Bracket</b>	Provides template for additional mounting of cables, moving cable from back of enclosure to side of enclosure resulting in easy access to connections for improved serviceability
<b>Front and Rear Accessible Enclosure Tray</b>	Allows access to connections from front or rear of rack/cabinet facilitating easy moves, adds and changes without disruption of network connections
<b>Front Drop In and Rear Slide Out Mounting of Cassettes and Fiber Adapter Panels</b>	Allows access to cassettes without fully sliding out cable management plate
<b>Split Enclosure Tray</b>	Allows each half of tray to operate independently providing improved reliability and serviceability of redundant network connections
<b>Multi-positional Enclosure Tray</b>	Allows tray to be locked in two extended positions resulting in improved access when patching and maintaining network connections
<b>Convertible between 6-port and 12-port Cassettes and Fiber Adapter Panels</b>	Accommodates current and future optical connectivity options, duplex and parallel fiber

## applications

HD Flex™ Fiber Optic Enclosures provide a system for managing fiber terminations, connections, and patching in all types of applications. The enclosures are a component of the HD Flex™ Fiber Cabling System.

They are ideal for fast, flexible and reliable patch field solutions within main, horizontal and/or equipment distribution areas (MDA, HDA and EDA).

### HD Flex™ Fiber Enclosures

<b>1 RU 6-port enclosure:</b>	FLEX1U06
<b>1 RU 12-port enclosure:</b>	FLEX1U12
<b>2 RU 6-port enclosure:</b>	FLEX2U06
<b>2 RU 12-port enclosure:</b>	FLEX2U12
<b>4 RU 6-port enclosure:</b>	FLEX4U06
<b>4 RU 12-port enclosure:</b>	FLEX4U12

### HD Flex™ Trunk Transition Clips

<b>12-fiber capacity:</b>	FLEX-CLIP12
<b>18-fiber capacity:</b>	FLEX-CLIP18

### HD Flex™ Trunk Cable Managers

<b>Rear Cable Managers</b>	
<b>1 RU:</b>	FLEX-RCM1U
<b>2 RU:</b>	FLEX-RCM2U
<b>4 RU:</b>	FLEX-RCM4U

<b>Universal Trunk Managers</b>	
<b>12-fiber transition capacity:</b>	FLEX-CM12S

<b>18-fiber transition capacity:</b>	FLEX-CM18S
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<b>PatchRunner™ Trunk Managers</b>	
<b>12-fiber transition capacity:</b>	FLEX-CM12C
<b>18-fiber transition capacity:</b>	FLEX-CM18C

### HD Flex™ Trunk Slack Plates

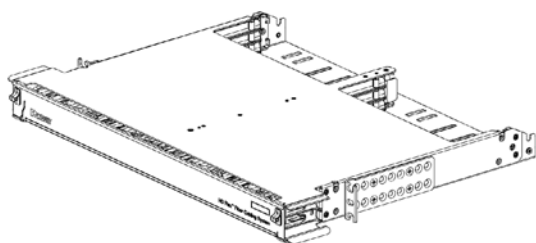
<b>1 RU:</b>	FLEX-PLATE1U
<b>4 RU:</b>	FLEX-PLATE4U

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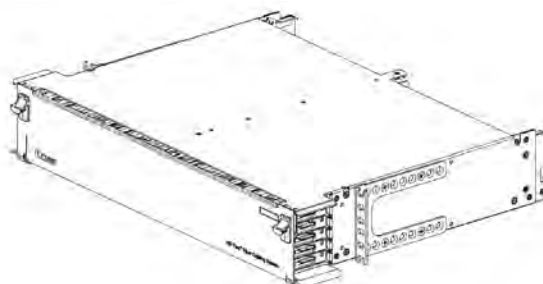
## fiber capacity

Description	Enclosure		
	1 RU	2 RU	4 RU
12F MPO to 6 Duplex LC	144	288	576
24F MPO to 12 Duplex LC	144	288	576
4-to-1 Breakout	96	192	384
12-to-3 Breakout	144	288	576
6 Port 12F MPO FAP	864	1728	3456
6 Port 24F MPO FAP	1728	3456	6912

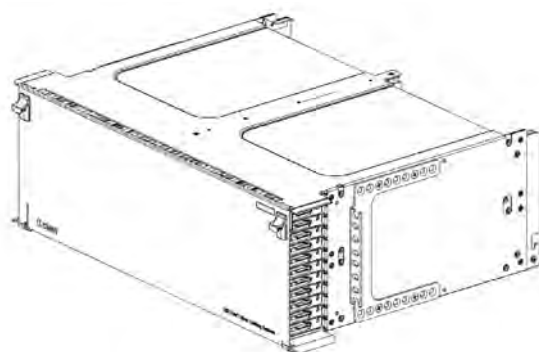
For dimensions, please go to [www.panduit.com/hdflex](http://www.panduit.com/hdflex) for the part drawings.



**FLEX1U06**



**FLEX2U06**



**FLEX4U06**

Dimensions are in inches.

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