

HD Fusion Fiber Wall Mount Splice Enclosure

specifications

The Fiber Optic Splice Enclosure shall house, organize, manage and protect cable to cable fusion splice connections. It shall accommodate large count fiber optic cables typically coming in from outside of the building transitioning to often smaller count cables within the data center. Splice trays can accommodate individual or ribbon fibers.



technical information

Part numbers:	FWMHSSGS-3456 fiber wall mount hyperscale splicing solution Grey, with split doors – 3,456 fibers FWMHSSGS-6912 fiber wall mount hyperscale splicing solution Grey, with split doors – 6,912 fibers (Also available in White and Black – Change the G in the part number to a W for White or a B for Black)
Mounting:	Wall-mountable using 5/16" or M8 hardware Overhead mounting using M10 threaded rod Freestanding on floor using M10 leveling legs
Material:	Steel and plastic
Dimensions:	FWMHSSGS-3456: 24"x36"x15" (WxHxD) FWMHSSGS-6912: 48"x36"x15" (WxHxD)

key features and benefits

- Splice trays have the ability to rotate to be easily viewed, even when fully populated
- Work surface stores on door when not in use, and easily removable to install onto enclosure
- Doors remove/install without tool; integrated document holder
- Cable management has the ability to shift left/right to provide additional workspace if needed
- Cable plates are removeable to provide additional access into enclosure during building
- Cover plate with 22.5mm, 51mm and 64mm cutouts
- Four cable gland accessory sizes for secure fiber ingress and egress.
- Cable plates have the ability to rotate 180 degrees, and move top/bottom or side/side to find correct cable entry/exit points
- Enclosure structure and doors are integrally grounded/bonded
- Multiple enclosures can be ganged together horizontally/vertically to 'pay as you grow'
- Optional storage box can be mounted to the top or bottom of enclosure to store unused fiber for future use

applications

As large fiber count cables enter the data center, a need for fiber distribution products to manage these cables has become apparent. Cables are spliced to take large fiber count cables and break them down into manageable fiber count cables and/or to transition them into cable types that are appropriate for use inside the data center. Data centers deploy several different solutions to accomplish this. Below are some application examples:

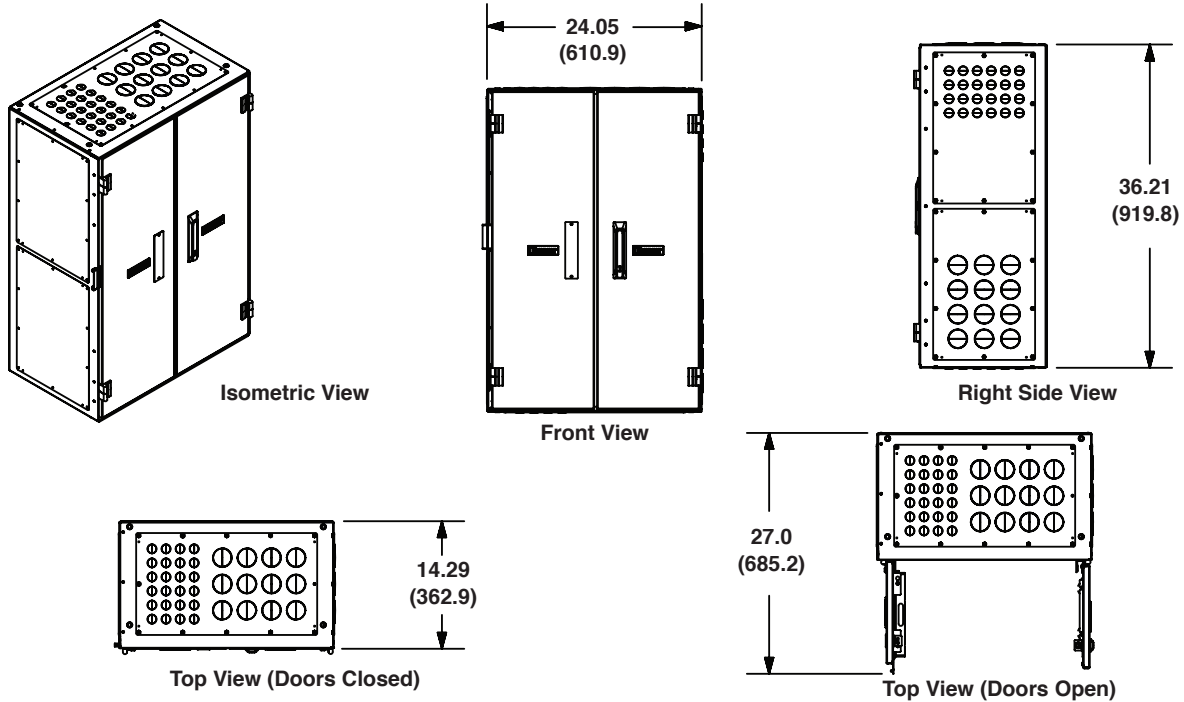
- Building entrance facility/meet me Room
- Data center
- Hyperscale and co-location
- Telecommunications

HD Fusion Fiber Wall Mount Splice Enclosure

fiber capacity

Part Number	Description	Indiv. Fibers	Ribbon Fibers
FWMHSSGS-3456	Fiber wall mount hyperscale splicing solution Grey, split doors – 3,456 fibers	1,152	3,456
FWMHSSGS-6912	Fiber wall mount hyperscale splicing solution Grey, split doors – 6,912 fibers	2,304	6,912

(Also available in White and Black – change the G in the part number to a W for White or a B for Black.)



accessories to be purchased separately

Part Numbers	Description
FST144R	Splicing tray for ribbon fibers up to 144.
FST48	Splicing tray for single fiber up to 48.
FWMHSS*-ICB	Incoming cable bracket to secure/support cables and routing within our splicing enclosures.
FWMHSS-CG613	Cable gland handling cable sizes 6mm - 13mm. Required cutout diameter of 22.5mm (7/8")
FWMHSS-CG1321**	Cable gland handling cable sizes 13mm - 21mm. Required cutout diameter of 32mm (1 1/4")
FWMHSS-CG2135	Cable gland handling cable sizes 21mm - 35mm. Required cutout diameter of 51mm (2")
FWMHSS-CG3448	Cable gland handling cable sizes 34mm - 48mm. Required cutout diameter of 64mm (2 1/2")
FBKSL-M05-KIT	Breakout sleeve kit (24 sleeves) to secure the cable within the enclosure.
SE25PSC-TR0	Fray resistant expandable sleeving.
FWMHSS-ICAK	Incoming cable anchor kit.
ACGK	Armored cable grounding, armored cable grounding kit, #10 mech clamp.
FWMHSS*-GROUND	Ground kit.
FWMHSS*-STOR	Cable storage box.
FLEX-CM12C	HD Flex Rear Cable Manager (also compatible with the FWMHSS)
FWMHSS*-12X32 KIT	Top and Side Cover Kit with Qty-12: 32mm holes

Replace the asterisk () with Black (B), Gray (G) or White (W)

**Requires addition Panduit Part number FWMHSS*-12X32 plate to fit this size cable gland

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

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