288 Single-Fiber/864 Standard Ribbon/ 1152 SWR® Fusion Splice Wall Cabinet

This innovative mass-fusion splice wall cabinet is designed for applications in a building entrance facility providing an enclosure to splice outside plant (OSP) cables to inside plant (ISP) cables with a maximum fiber count of 1152 fibers. This cabinet can be fitted into areas with limited physical space and it can be installed as a single unit or multiple units can be stacked. It can be both wall-mounted or in mounted in standard 19" racks.

Cable pass-through spaces inside and outside the cabinet provide cable routing for the installation of multiple cabinets on a wall or rack.

The splice cabinet features 12 leaf-style trays which allow 24 single-fiber splices per tray and a raceway manifold system which ensures the fiber is protected at all times. The cabinet accommodates a variety of cables from ISP (12 x 24F) to OSP (1 x 288F or 2 x 144F). It can also be used for standard ribbon splicing with 12 x 72F splice trays providing a total fiber count of 864 fibers. When used with SpiderWeb Ribbon® (SWR) cable, splicing is possible with 12 x 96F splice trays providing a total fiber count of 1152 fibers. NOTE: these splice trays (SPT17-12) are not included and will need to be ordered separately.

Features

- Up to maximum of 288 fibers for single-fiber, 864 fibers for standard ribbon and 1152 fibers for SWR fiber cables
- Default 12x Splice Tray for 2x12 single-fiber splice holder per tray are easily interchangeable with 12x Splice Tray for 8x12 ribbon fiber splice holder per tray.
- Mounted on wall or installed in a 19" frame
- 14RU cabinet designed to fit a max of 3 units in a 45RU frame
- Fixed cable tie-off features accommodating flexibility for various sizes up to O.D. 24 mm for entry/exit cables
- Easy-lift-off cover to access the Splice Tray Modular Backboard
- Holes available for security padlock to secure cover to Splice Tray Modular Backboard
- Working Tray easily mounts on the Modular Backboard and removable for convenient storage inside the Cabinet Cover when not in use
- Inside cabinet and outside cabinet pass-through space options allow cable management when using multiple splice cabinets
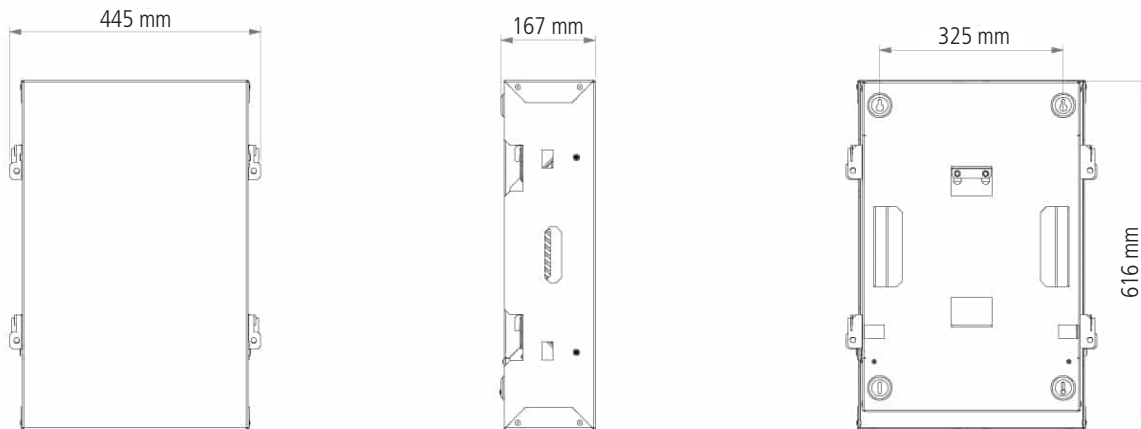
Applications

- Building Entrance Facility
- Colocation
- Data Center
- Hyperscale
- Telecommunications

288 Single-Fiber/864 Standard Ribbon/1152 SWR® Fusion Splice Wall Cabinet

Ordering Information

DESCRIPTION	AFL NO.
AFL Hyperscale High Capacity Wall Box 288F Single Splice (12x Splice Trays for 2x12 single fiber splice holder per tray, Rack Mounting Bracket, wall plugs and mounting screws, installation guide included)	FXHCXXBXXX-02ZZ
ACCESSORIES	
Splice Tray and Splice Holder for SWR and standard ribbon Cable up to 1152F (Pack of 12x Splice Trays for 8x12 ribbon fiber splice holder per Tray)	SPT17-12

Technical Drawings

445 mm

167 mm

325 mm

616 mm

Specifications

PARAMETER	VALUES
Dimensions	404 mm (W) x 167 mm (D)
Weight	8 kg
Fiber Counts	288 single fiber/864 standard ribbon/1152 SWR
Number of Splice Trays	12
Fiber Count per Splice Tray	24
Max Cable Diameter	24 mm
IP Rating	IP10
Operating Temperature	-40°C to +60°C
Color Finish	Powder Coat RAL9005 (Black)
Material	Aluminum Sheet