# 6912 Fiber Mass-Fusion Splice Wall Cabinet

The 6912 Fiber Mass-Fusion Splice Wall Cabinet is designed for use in a building entrance facility, providing an enclosure to splice ultra-high fiber count outside plant (OSP) cables to inside plant (ISP) cables. This lightweight and flexible cabinet provides a space-saving and cost-effective solution for easy installation by one person. Pass-through space provides cable routing for the installation of multiple cabinets.

The cabinet features 48 leaf-style trays which allow 144 fiber mass-fusion splices per tray and a raceway and manifold system which ensures the 250 μm fiber is protected at all times.

There are various cable entry options at both top and bottom with modular tie-off points allowing up to 8 x Ø34 mm at a time. This Mass-Fusion Splice Wall Cabinet has the capacity to splice up to 6912F SpiderWeb Ribbon® (SWR®) and traditional ribbon cables. The cabinet can also be adapted to accommodate standard optical fiber by purchasing our standard fiber optic splice tray which allows 36 splices per tray and a maximum of 1,728 fibers.

Features

- Up to maximum of 6912 fibers
- Mass-fusion splices for traditional ribbon and SWR fiber with option for standard fiber optic cables
- Interchangeable cable tie-off brackets accommodate flexibility for various sizes of 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
- Adjustable working tray mounts in variable heights for easy storage in cabinet cover
- Inside cabinet and outside cabinet pass-through space options allow cable management when using multiple splice cabinets
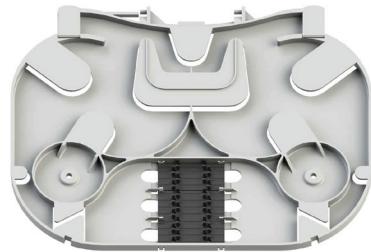
Applications

- Building entrance facility
- Data Center
- Hyperscale
- Telecommunications

Specifications

PARAMETER	VALUE
Dimensions	585 mm (W) x 1222 mm (H) x 227 mm (D)
Weight	32 kg
Fiber Count	6912
Number of Splice Trays	48
Fiber Count per Splice Tray	144
Max Cable Diameter	34 mm
IP Rating	IP10
Operating Temperature	-40°C to +60°C
Color	RAL7035 (Gray)
Finish	Powder Coat

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Technical Drawings

346 mm
54 mm
138 mm

Cable Entry/Exit on Top & Bottom

585 mm
544 mm
1222 mm

465 mm
1119 mm

222 mm
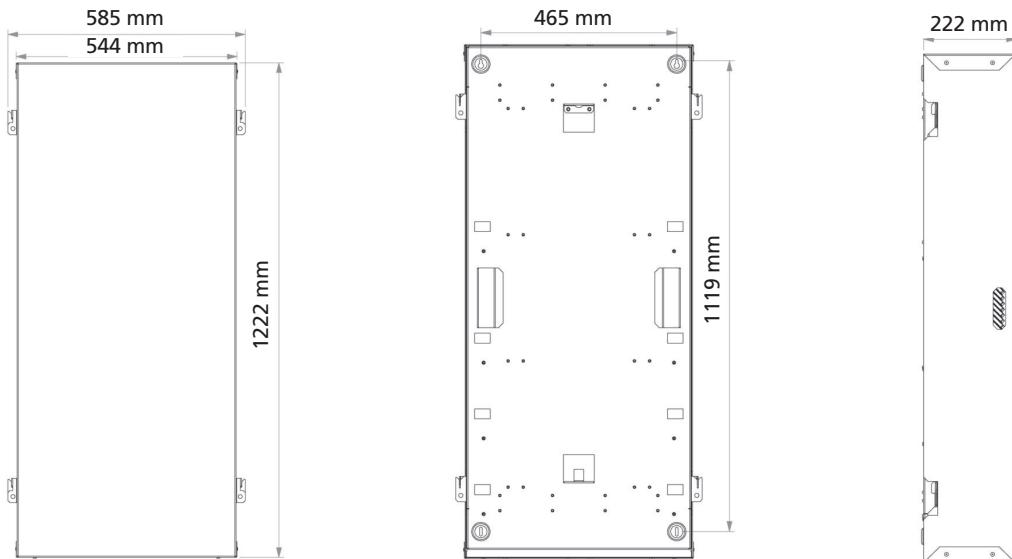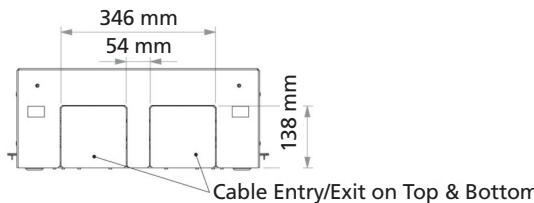
Ordering Information

DESCRIPTION	AFL NO.
AFL Hyperscale High Capacity Wall Box 6912F Mass-Fusion Splice	FXHCALDXXX-04ZZ
ACCESSORIES (purchased separately)	
Fiber Splice Tray Single Splice 36F GY 7035	FXSAXXDXXX-15ZZ
Fiber Splice Tray Mass Splice 144F GY 7035	FXSAXXDXXX-16ZZ
Cable Tie Bracket for Mass Fusion Splice Cabinet up to 6 x Ø 13 mm Cables	CTB613
Cable Tie Bracket for Mass Fusion Splice Cabinet up to 7 x Ø 10 mm Cables	CTB710
Cable Tie Bracket for Mass Fusion Splice Cabinet up to 4 x Ø 13 mm Cables	CTB418
Cable Tie Bracket for Mass Fusion Splice Cabinet up to 24 x Ø 12 mm Cables	CTB2412

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