

StreetSmart

Indoor 144 Fiber Entrance Cabinet (FEC)



Application

The wall-mountable StreetSmart® Indoor 144-Port Fiber Entrance Cabinet (FEC) provides off-frame splicing, storage and protection for the central office, headend or enterprise networks. Fiber Entrance Cabinets are typically placed in the fiber entrance room and used to transition OSP fiber sheaths to IFC cabling.

Description

The StreetSmart FEC is built on a modular platform scaling 144 heat shrink fusion (HSF) or 432 mass fusion (ribbon) fiber splices at a time. Multiple entry/exit points allow for multiple distribution and OSP fiber sheaths to enter into the FEC from top or bottom and transition from conduit, overhead fiber tray or raised flooring. The cabinet holds six 24-fiber splice trays, allowing the user access and the ability to prep away from the cabinet. Intuitive buffer tube and sub-unit slack routing prevents cable tie-in with a clockwise routing scheme to allow quick and easy re-entry after initial deployment or to add additional capacity. Multiple cable entry/exit locations are provided on the top and bottom of the housing supporting cable diameters of up to one inch. A lockable door allows for easy access with minimal swing clearance needed for tight aisle clearances.



Features and Benefits

Integrity

- Industry standard splice tray
- Sturdy construction using 18 gauge steel

Protection

- Hinged doors, with removable hinge pin provides extra stability
- Ruggedized cable clamps protect against twisting and pistoning at the assembly breakout point
- Full bend-radius protection throughout cabinet

Access

- Multiple entry/exit points allow distribution and OSP fiber sheaths to enter from top or bottom
- Cable entrance plates support cable diameters up to one inch
- Removable splice trays provide technicians access to prep outside of the cabinet
- Intuitive, clockwise fiber management routing scheme prevents cable tie-in
- Ability to store up to 20 feet total of 144 loose tube cable

Investment

- Splice trays support a maximum of up to 24 loose tube splices or six 12F mass fusion (72) fibers

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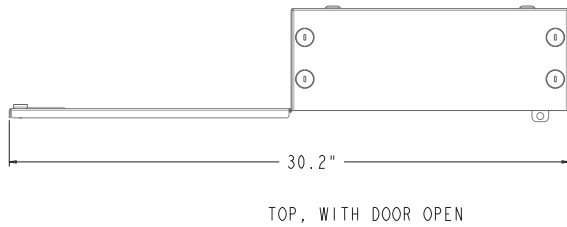
Technical Specifications

StreetSmart Indoor 144 FEC	
Dimensions	10.4"H x 15.3"W x 6.3"D
Ratings	Compliant to GR-449
Cable Types	Indoor Riser, Indoor Plenum, Indoor/Outdoor, Outdoor (Riser/Non-Rated), Outdoor Armored (Riser/Non-Rated), FieldShield®
Splice Capacity	144 Heat Shrink Fusion (HSF) or 432 Mass Fusion (MF) Ribbon Splices
Storage Capacity	One meter of 900 um fiber and five meters of exposed buffer tube
Material	18 gauge cold rolled steel with almond powder coating

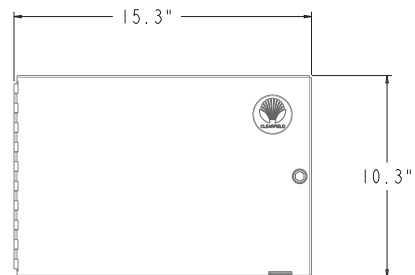
Pre-Configured Part Numbers

Part Number	Description
FEC-MINI-BOX-BLK	Fiber Entrance Cabinet, Mini, 144 Splice Capacity, Black (Splice Trays Not Included)
019339	Splice Tray
010505	Clamp Kit <i>(Note: (2) 7/8" saddle clamps come with the box)</i>

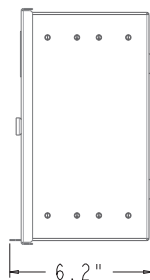
Top and Bottom View



Front View



Side View



Open View

