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Model 508F Series
 Fiber Interface / Slack Storage Device



Installation Note

CAUTION: *The Product shall be installed in a manner to comply with applicable national and local safety codes.*

Description

The 508F Fiber Interface/ Slack Storage Device is a compact enclosure suitable for indoor or outdoor locations. It provides physical protection for the transition between Service Provider Feeder fibers and Customer Distribution fibers. It allows for the connection, slack storage and system testing. Please refer to Figure 1.

1. The 508F Series can be supplied with up to 12 fiber adapters when used with FP01; FP02 or FP04 Fiber Plates and has options for feeder fiber cable entry clamp and external ground stud.
 - a. Refer to 508F spec sheet for available options and accessories.

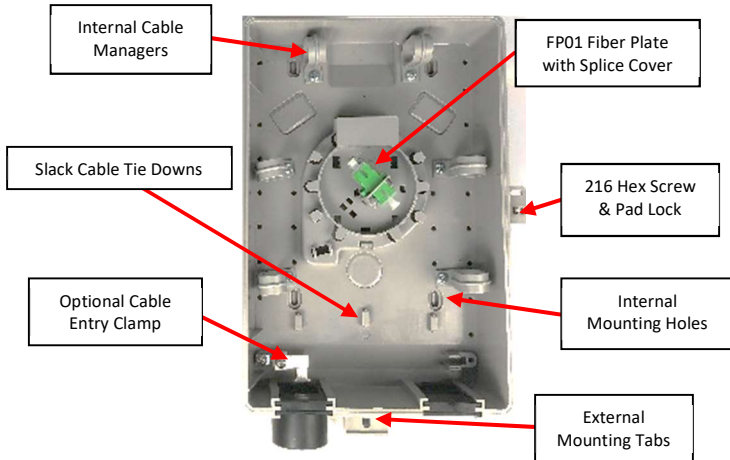


Figure 1

2. Entry grommets located at the bottom of the 508F allows feeder and distribution fibers to enter and exit the enclosure. Optional 1" conduit grommet available (see spec sheet for ordering information).
 - a. To use with conduit, replace provided standard grommet(s) with optional 1" Conduit Entry Grommet(s) (Figure 2).

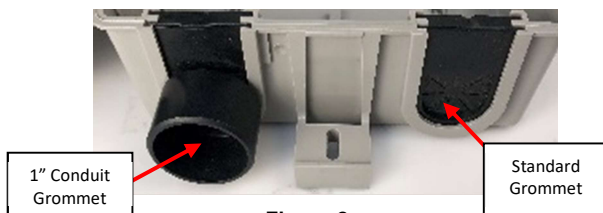


Figure 2

Installation (please refer to Figure 1)

1. Mount the 508F vertically on a flat surface using appropriate hardware (not included).
 - a. Internal with screws: Secure through 4 internal mounting holes that are covered with an easy to punch through film of plastic which maintains the environmental integrity of the enclosure.
 - b. External with screws: Secure through top and bottom external mounting tabs.
 - c. Pole mounting with straps: Strap to a pole using external mounting tabs and industry appropriate mounting straps (not included).

508F for Cabling and Slack Storage of Connectorized Drops

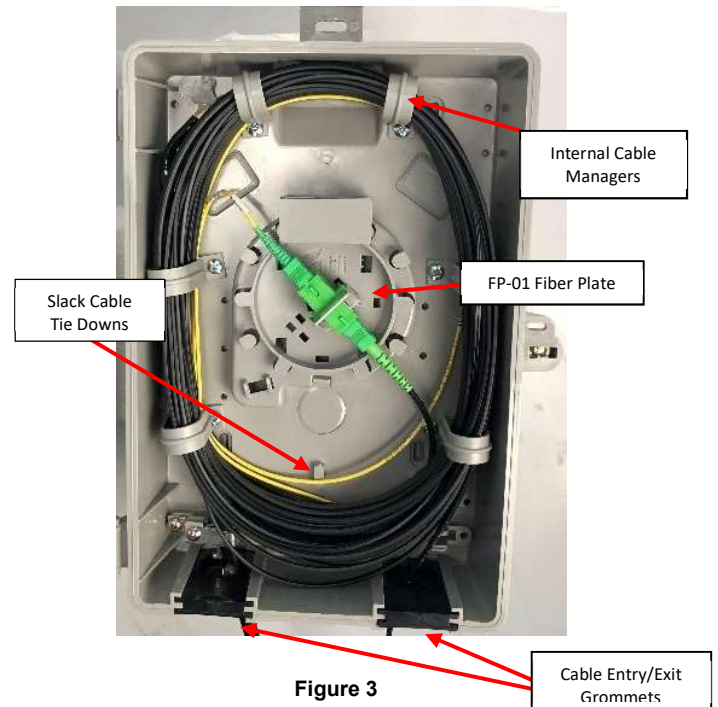


Figure 3

1. Punch a hole through the left cable entry grommet and guide the connectorized feeder cable through bringing enough slack into the unit to make a couple of clockwise loops around the perimeter of the enclosure under internal cable managers (Figure 3).

2. Secure feeder cable to cable entry/exit slack storage tie downs outside and/or inside the 508F using included wire tie(s).
 - a. If unit purchased includes optional Cable Entry Clamp, secure jacketed fiber under clamp (figure 4).
 - b. If unit purchased includes optional External Ground Stud, ground cable armor or tone-able member to a reliable earth ground adhering to industry standard practices (figure 4).



Figure 4

3. Insert feeder cable connector into the provided adapter located on the FP01 Fiber Plate in the center of the enclosure (figure 3).
4. Punch a hole through the right grommet and guide the distribution fiber through.
 - a. Wrap excess slack counter clockwise around the perimeter of the enclosure and under fiber management loops.
5. Connect the distribution fiber to the opposing side of the provided adapter on the FP01 Fiber Plate.
6. Using the cable managers to position slack feeder and distribution fiber as desired.
7. Close and secure the cover by tightening the hex screw until snug, taking care not to over tighten.

508F for Cabling, Slack Storage and Splicing of Unconnectorized Drops on FP01 Plate

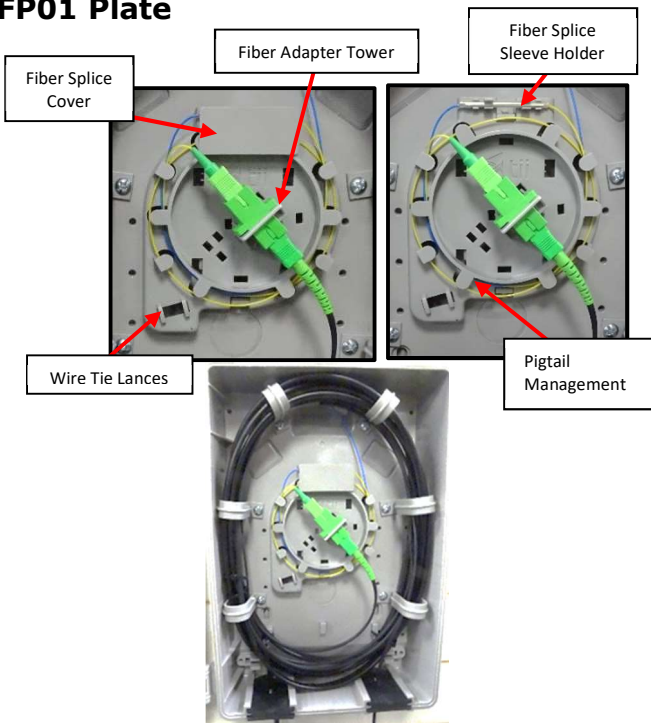


Figure 5

The FP01 Fiber Plate has splicing provisions for two 3mm splice sleeves. They are located at the top of the Fiber Plate and are secured under a snap on cover. The FP01 Fiber Plate includes opposing fingers to manage and secure pigtail (figure 5).

1. Bring unconnectorized cable into the 508F as described above.
2. Remove splice sleeve holder cover and splice feed fiber to pigtail.
3. Insert splice sleeve into holder, manage excess pigtail around fiber plate and replace cover.
4. Connect the distribution fiber to the opposing side of the provided adapter on the FP01 Fiber Plate.
5. Manage slack fiber around inside of the enclosure and secure with internal cable managers.
6. Close and secure the cover by tightening the hex screw until snug, taking care not to over tighten.

508F for Slack Storage (Figure 6)

1. Bring fiber into the enclosure through the bottom left fiber entry grommet coiling excess fiber clockwise around perimeter of the 508F.
2. Exit the enclosure through the bottom right Fiber Entry Grommet.
3. Position slack fiber as desired under internal cable managers.
4. Close and secure the cover by tightening the hex screw until snug, taking care not to over tighten.

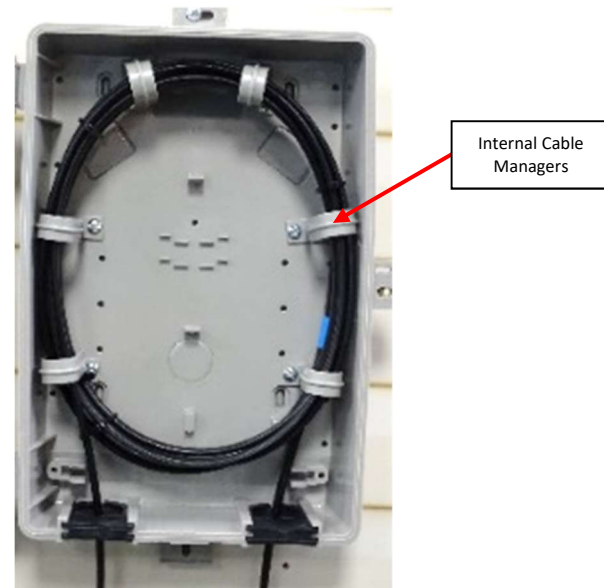


Figure 6