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**Model 507F 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 507F 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 507F Series can be supplied with up to 12 fiber adapters when used with FP01, FP02 or FP04 Fiber Plates.
2. Refer to 507F spec sheet for available options and accessories.
3. The entry grommets located at the bottom of the 507F allows Feeder and Distribution Fibers to enter and exit the enclosure.
4. The 507F includes entrance grommets for 1" conduit at the top and bottom of the unit.
5. Distribution Fibers may also exit through grommets in the rear of the enclosure.

### Installation (please refer to Figure 1)

1. Mount the 507F vertically on a flat surface using appropriate hardware (not included).
  - a. 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.

### 507F for Cabling and Slack Storage of Connectorized Drops (please refer to Figure 2)

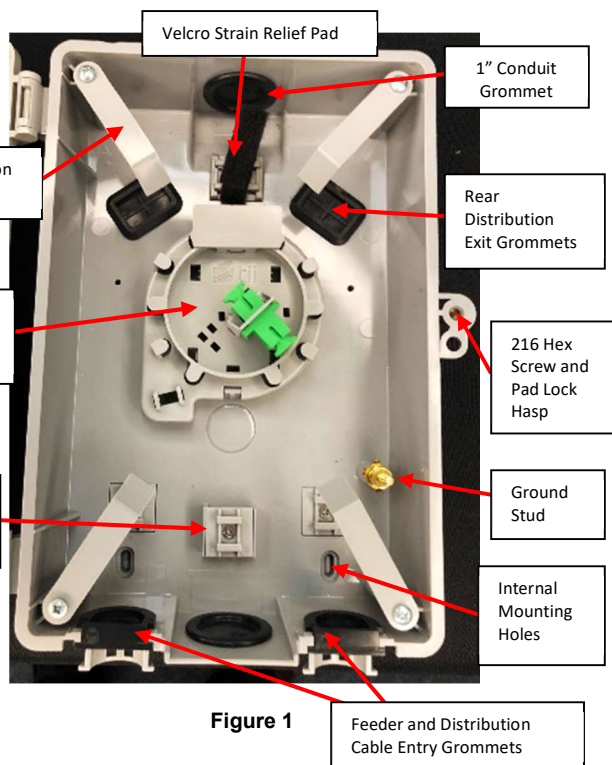


Figure 1

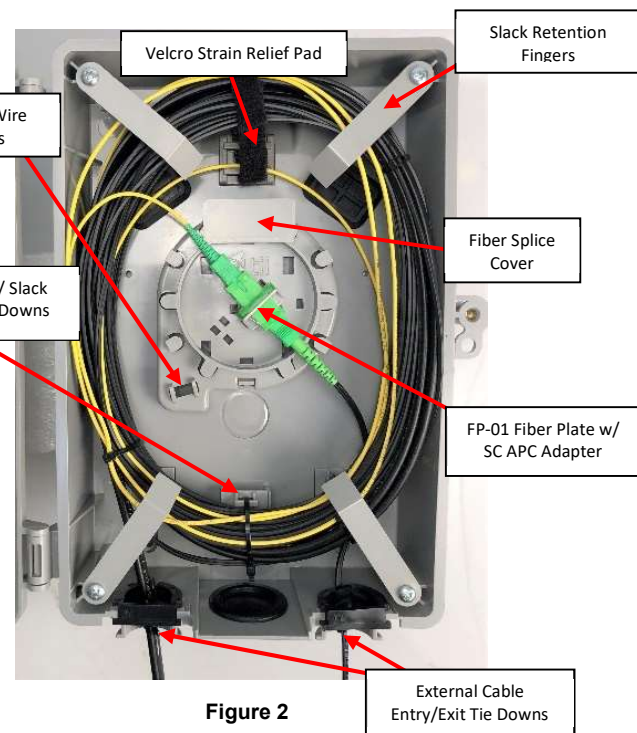


Figure 2

1. Punch a hole through the left Cable Entry Grommet and guide the connectorized feeder cable through bringing enough slack into the 507F to make a couple of clockwise loops around the perimeter of the enclosure, under the slack retention fingers.

- Secure Feeder Cable to Cable Entry/Exit Slack Storage Tie Downs outside and/or inside the 507F using wire tie(s).
- Insert Feeder Cable connector into the provided adapter located on the FP Fiber Plate in the center of the enclosure.
- Punch a hole through the right grommet and guide the distribution fiber through wrapping excess slack counter clockwise around the perimeter of the enclosure and under slack retention fingers.
- Connect the distribution fiber to the opposing side of the provided adapter on the FP Fiber Plate.
- Position slack feeder and distribution fiber as desired inside of the enclosure. Secure slack to the top of the enclosure with provided Velcro, and if desired, to Cable Entry/Exit Slack Storage Tie Downs using wire ties.
- Close and secure the cover by tightening the hex screw until snug, taking care not to over tighten.

### 507F for Cabling, Splicing and Slack Storage of Unconnectorized Drops *(please refer to Figure 3)*

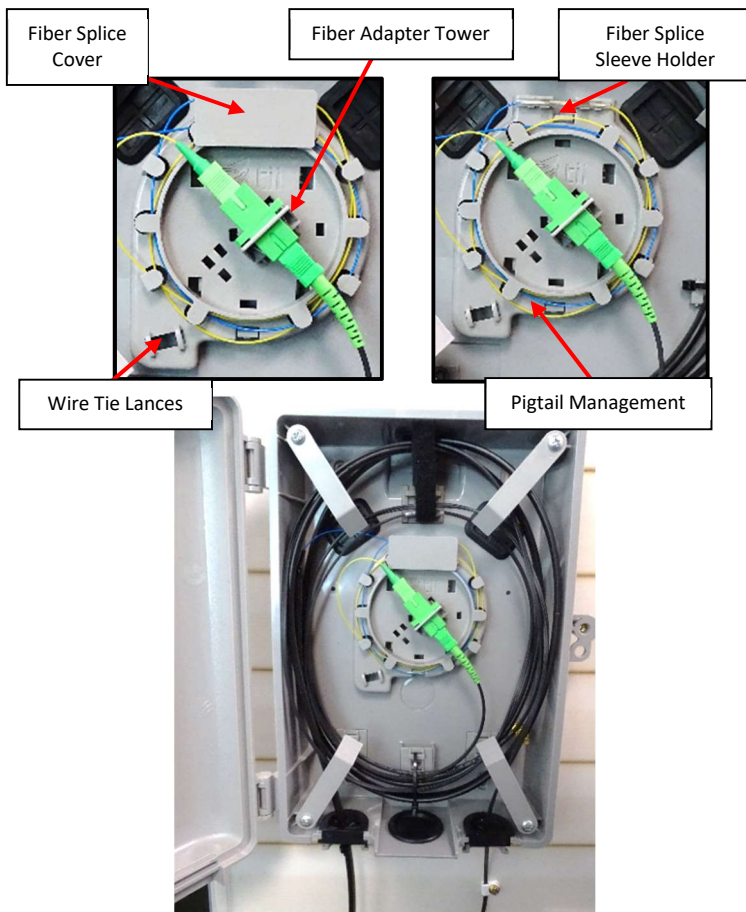


Figure 3

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 Fiber Plate includes opposing fingers to manage and secure pigtail.

- Bring unconnectorized cable into the 507F as described above.

- Remove splice sleeve holder cover and splice feed fiber to pigtail.
- Insert splice sleeve into holder, manage excess pigtail around fiber plate and replace cover.
- Connect the distribution fiber to the opposing side of the provided adapter on the FP Fiber Plate.
- Position slack feeder and distribution fiber as desired inside of the enclosure.
- Secure slack to the top of the enclosure with provided Velcro, and if desired, to Cable Entry/Exit Slack Storage Tie Downs using wire ties.
- Close and secure the cover by tightening the hex screw until snug, taking care not to over tighten.

### 507F for Slack Storage *(please refer to Figure 4)*

The 507F can be used for slack fiber storage.

- Bring fiber into the enclosure through the bottom left Fiber Entry Grommet coiling excess fiber clockwise around perimeter of the 507F.
- Cable should exit the enclosure through the bottom right Fiber Entry Grommet.
- Position the slack fiber under the four Slack Retention Fingers and secure it to the top of the enclosure with provided Velcro. Secure fiber to the Cable Tie Downs inside and outside of the enclosure using wire ties.



Figure 4