

**Model 509F Series**  
OUTDOOR FIBER INTERFACE DEVICE  
SLACK STORAGE UNIT



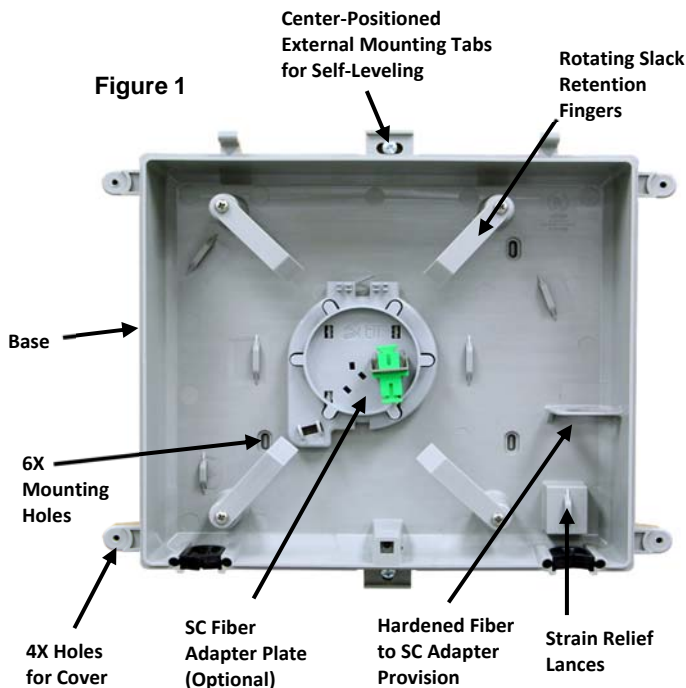
(Shown with Fiber Adapter Plate – sold separately)

## Installation Note

### Description

1. The 509F Slack Storage Tray provides protection and management of OSP Drop and Customer Fiber Cable.
2. Equipped with optional fiber management plate with additional slack storage feature for 900um fiber. Includes SC adapter(s).
3. Four captive screws are provided with the 509F Slack Storage Tray to secure the cover to the base.

### Features



### Installation

1. Mount the 509F Slack Storage Tray vertically to a flat, suitable surface using the appropriate hardware (screws not included) so as to minimize the possibility of dirt or moisture getting into the enclosure. Recommended screw size: #10 x 1 ½" pan head self-tapping to be used in conjunction with plastic wall anchors.
2. Internal mounting holes are covered with a thin film of plastic, which are easily punched out, to maintain the environmental integrity of the enclosure (Figure 1).
3. In addition to internal mounting holes mentioned in Step 2, there are external mounting tabs which are provided for exterior mounting. Mount as previously stated using the appropriate mounting hardware and methods (Figure 1).
4. You are now ready to place the drop/fiber cable slack into the enclosure.

### Fiber Cable Management

1. Slice or punch a hole through the left grommet and guide the Telco Drop Cable through the entry grommet
2. Install Drop Cable slack into the Slack Storage Tray by swinging the fiber retention fingers outward. Place the fiber slack into the storage tray coiled in a clockwise manner. Once the coiled fiber slack is installed, rotate the fiber retention fingers back to their original positions over the coiled fiber slack in order to retain the cable. (See Figure 2).
3. Terminate the Telco Drop Cable:

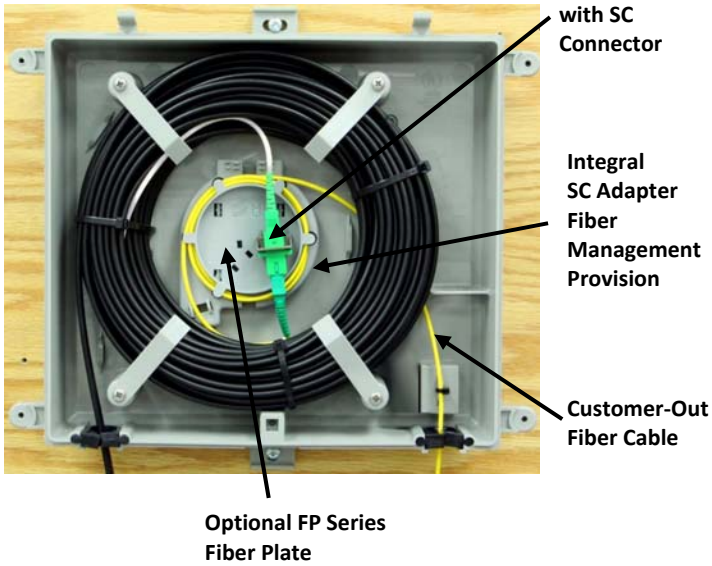
3a. For SC Drops, insert the SC connector into the upper part of the SC Adapter (See Figure 2) of the SC Fiber Adapter Plate.

**Note:** Optional FP Series Fiber Plate is required.

3b. For hardened connector Drops, install hardened fiber adapter (not included) into the mounting provision in base (See Figure 3). Terminate Drop cable with hardened connector into the top of the adapter.

**Figure 2**

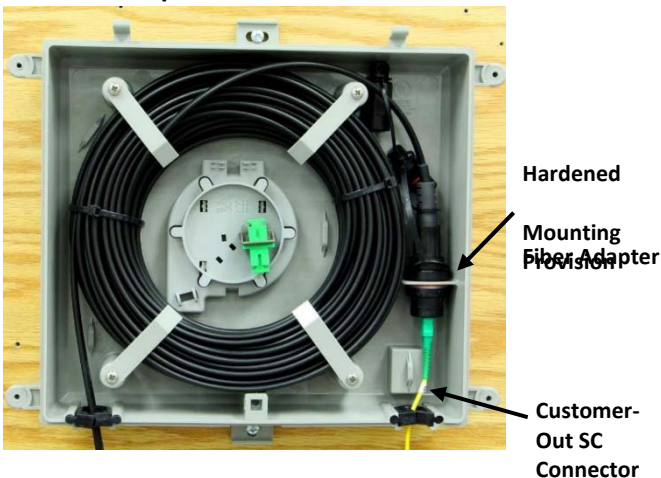
**OSP Flat Drop SC to SC Premise**



4. Punch a hole through the right grommet and guide the Customer Fiber Cable through the right Customer Exit Grommet.
5. Terminate the Customer Fiber Cable:
  - 5a. For Hardened Drops, connect Customer Fiber Cable to lower port of Hardened Fiber Adapter (See Figure 3).
  - 5b. For SC Drops, connect Customer Fiber Cable to lower port of the SC Adapter located on the SC Fiber Adapter Plate. Store excess Customer Fiber Cable slack around the perimeter of the SC Fiber Adapter Plate in a clockwise manner (See Figure 2).
6. Use tie-wraps/Velcro to hold cables to the strain relief pads.
7. Mount the cover to the slack storage tray using the (4) captive screws provided in the cover. Do not overtighten the screws.

**Figure 3**

**OSP Flat Drop Hardened Fiber Cable to SC Transition**



**\*Notes:**

1. The Maximum weight this unit can withstand is 1.5lbs