tii network technologies

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Model 506F-02-01-04
Fiber Interface Device
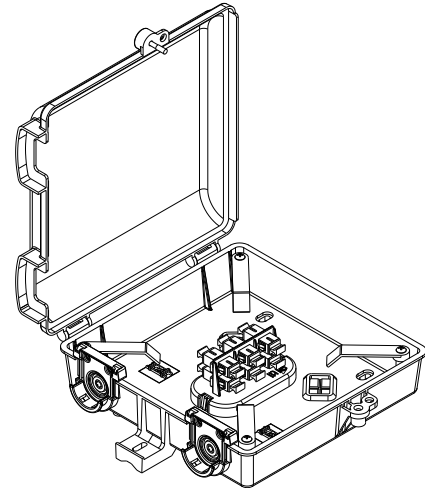
Installation Note

Description

1. The TII 506F-02-01-04 Fiber Optic Interface Device is a compact fiber optic connectivity and fiber slack storage enclosure.

2. The large split grommets located at the bottom of the base allow Telco drop lines and customer fiber cables to enter and exit the device.

3. The TII 506F-02-01-04 is supplied with SC adapters to allow up to six fiber optic connections.

4. The TII 506F-02-01-04 allows for sufficient drop/fiber cable slack storage in the base enclosure.

Features

Slack Retention Fingers
Bulkhead Adapter Tray
SC Adapters
Strain Relief Pad
Telco Entry Grommet
Customer Exit Grommet

Figure 1

Installation

1. Mount the 506F Device so as to minimize the possibility of dirt or moisture getting into the enclosure.

2. 506F Devices mounted side-by-side or end-to-end should be placed so covers can easily be opened.

3. Mount the 506F Device vertically on a flat surface using appropriate hardware (the length of the mounting screws should allow for 1/8" of length within the enclosure).

4. The internal mounting holes are covered with a thin film of plastic, which are easily punched out, to maintain the environmental integrity of the enclosure (See Figure 2).

5. In addition to the internal mounting holes mentioned in step 4, there are external mounting ears which are provided for exterior mounting. Mount as previously stated using the appropriate mounting hardware and methods (See Figure 2).

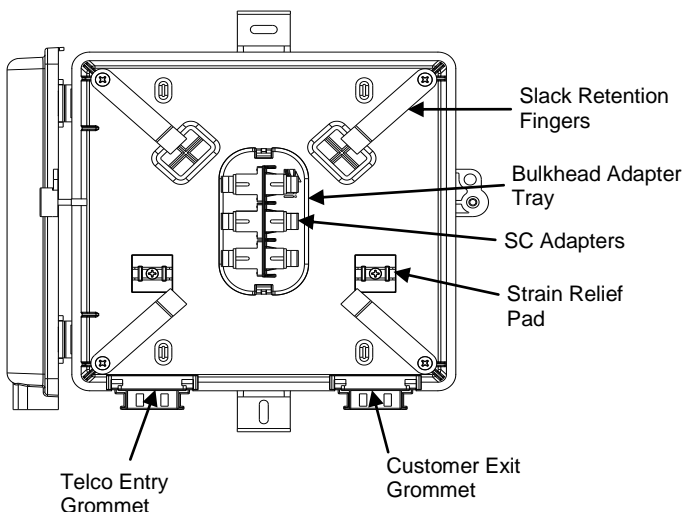6. You are now ready to place the drop/fiber cable slack into the enclosure and prepare for wiring.

External Mounting Ears

Internal Mounting Holes

Entry Grommet

Exit Grommet

Figure 2

Base

SC Adapters Provided

Cable Slack

Strain Relief Pad with Tie-Wrap

Slack Retention Fingers

Fiber Cable with six Connector Pigtail

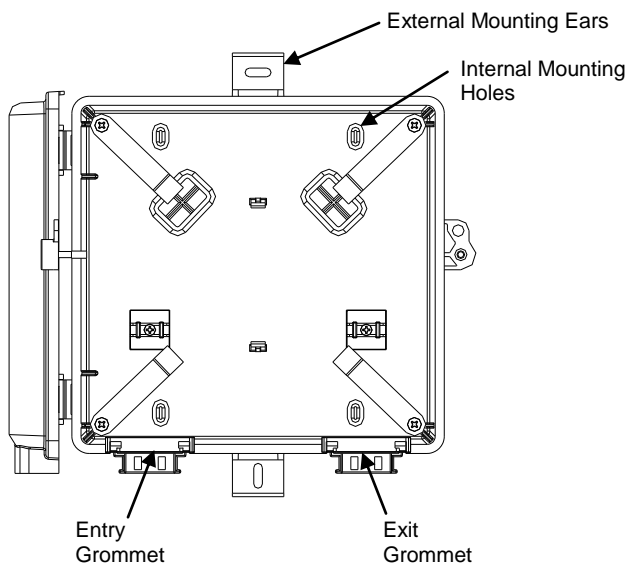Customer Out Fiber Cable with SC Connector

Figure 3

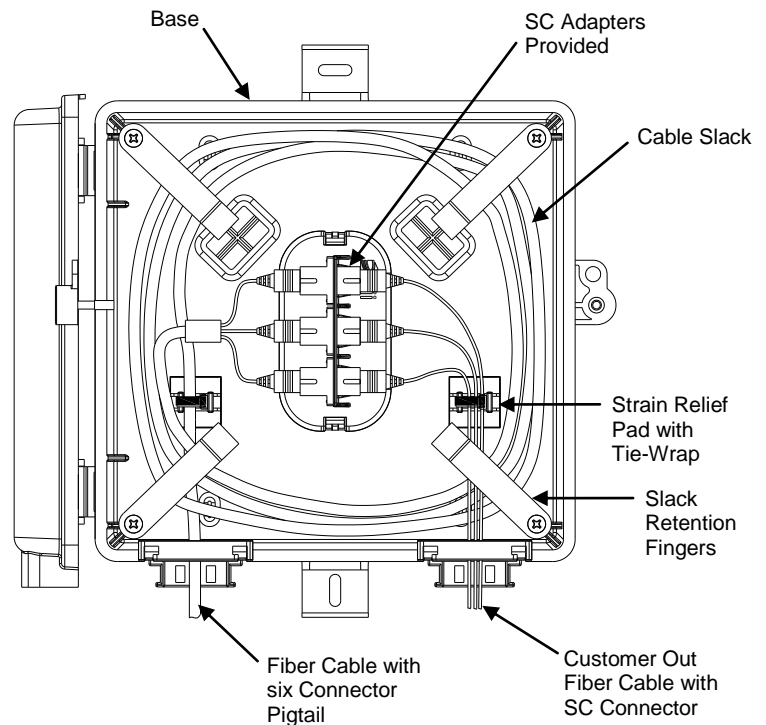## Wiring

1. Punch a hole through the left grommet and guide the Fiber Drop Cable through the entry grommet.

2. Insert the SC connector from the pre-wired fiber cable into the left side of the provided SC Adapter.

3. Insert the SC Connector from the Customer Out Fiber Cable to the right side of the SC Adapter.

4. Punch a hole through the right grommet and guide the Customer Fiber Cables through the Customer Exit Grommet

5. Wrap the excess Fiber Cable slack in the clockwise direction and place it into the base enclosure and under the slack retention fingers.

6. Use a tie-wrap to hold any spliced connections and cables to the strain relief pads.

7. Close and secure the cover. Tighten the security hex screw until it is snug. Be sure not to over tighten the screw.