P/N 92242701 • Rev B • ECN 17-155 • 7/10/18

tii technologies
141 Rodeo Drive
Edgewood, NY 11717
Toll Free 888.844.4720
www.tiitech.com

Model FAT1 Series
Fiber Access Termination Enclosure with 1 Fiber Port SC Adapter

Installation Note

Description

1. Tii's FAT1 Fiber Access Termination box is a compact fiber optic connectivity enclosure.
2. The rubber seal fitted around the lip of the enclosure is made of one continuous piece to prevent water and dust ingress.
3. Rubber grommets on the exit/entry holes accept standard fiber drop cable and/or low friction cable while providing a tight seal against water and dust penetration. Cable grommet sets included: 2.0, 2.9, 2.0 x 3.0 and 4.8mm
4. The FAT1 is supplied with one (1) SC Adapter for a single fiber optic connection.
5. Captive locking screws on both ends discourage tampering of the fiber optic termination.

Features

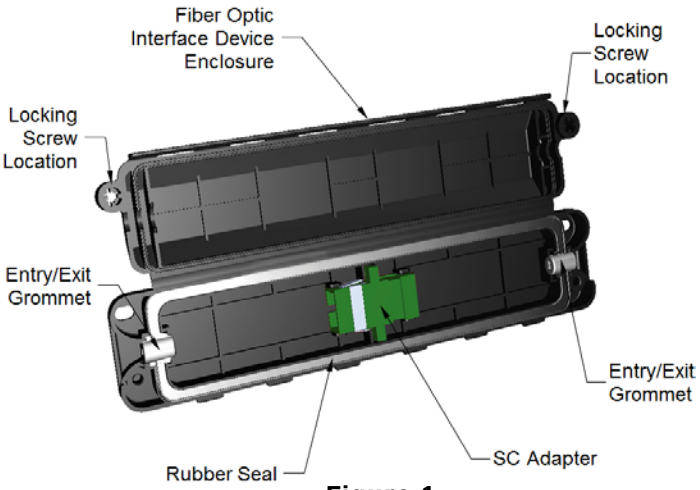

Figure 1

Installation

1. The FAT1 Enclosure should be properly mounted to totally eliminate the possibility of dirt or moisture getting into the enclosure.
2. Loosen the two locking screws and open the enclosure.
3. Remove the SC Adapter and the two rubber Grommets from inside the enclosure. Do not remove Rubber Seal from its fitted place.
4. With the mounting screws provided, mount the FAT1 Enclosure horizontally, hinge-side up, on a flat surface using appropriate tool.

   Conical anchors are provided for concrete surface mounting.
5. The FAT1 Enclosure mounting holes are located outside the main termination chamber to maintain the environmental integrity of the enclosure. (See Figure 2).
6. After mounting the enclosure, prepare for wiring.

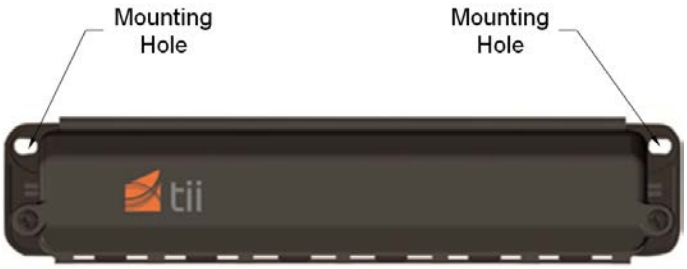

Figure 2

Wiring

1. Splice the Telco Drop Cable into an SC Connector (both items not included).

2. Similarly, splice the Customer Fiber Cable into an SC Connector (both items not included).

3. Insert the spliced Telco and Customer SC Connectors into the provided SC Adapter.

4. With the SC Connectors connected, re-install the SC Adapter into the enclosure. Preferably, the Telco Drop Cable should be positioned on the left side of the enclosure, and the Customer Fiber Cable on the right side.

5. Wrap one of the grommet provided around the Telco Drop Cable.

IMPORTANT: Ensure that Telco Drop Cable nestles and aligns perfectly to the inner shape of the grommet.

6. Wrap the other grommet provided around the Customer Fiber Cable.

IMPORTANT: Ensure that the Customer Fiber Cable nestles and aligns perfectly to the inner shape of the grommet.

7. Carefully slide the Grommets through the length of Telco and Customer cables until they are directly positioned on the Entry/Exit holes of the rubber seal (See Figure 3).

8. Close the cover until it snaps shut.

9. Fasten the two locking screws on both ends of the enclosure.

10. From outside the enclosure, loop the excess Telco and Customer cables round to prevent sagging which can result to cable damage.

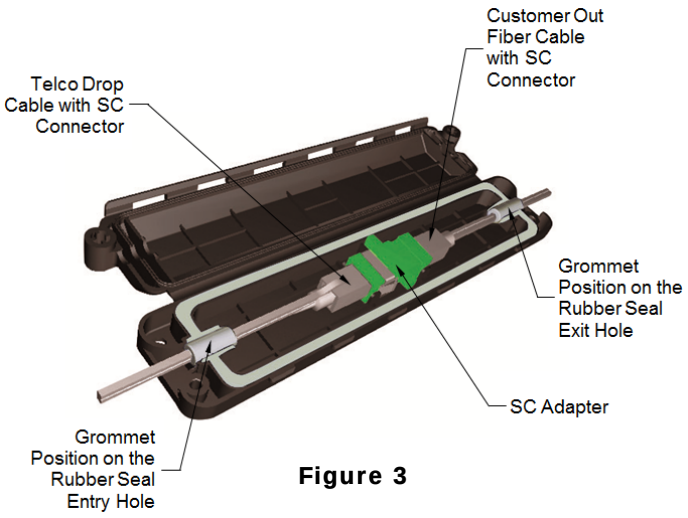

Figure 3