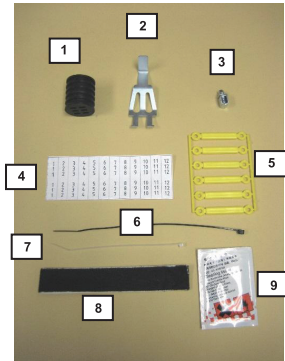


## FOSC 350 C ADDENDUM

### DROP SEAL INSTALLATION INSTRUCTIONS

#### Version 1.2 Flat Drop Installation

##### 1.0 Components needed for installation



1. Six port drop seal
2. Strength member bracket
3. Strength member lug
4. Label ID card
5. Yellow drop port plug
6. Black tie wrap
7. White tie wrap
8. Loose buffer tube wrap
9. Clean wipe

##### 2.0 Flat Drop Preparation

- 2.1 Remove 72" of outer sheath from flat drop.
- 2.2 Cut strength members to a length of 6". (Figure 1)

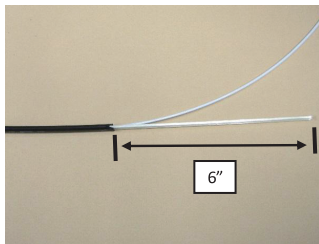


Figure 1

- 2.3 Insert drop cables through ports in the six port drop seal until 1/4" of outer sheath exits the other side of the port. (Figures 2&3)
- 2.4 Insert yellow drop port plugs in any ports not used. (Figure 4)

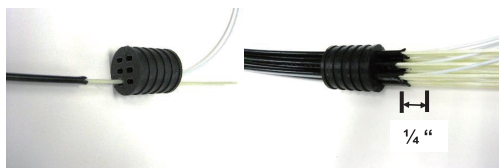


Figure 2

Figure 3



Figure 4

- 2.5 Place lugs loosely on strength member bracket, screws facing upward. (Figure 5)
- 2.6 Insert strength members thru bracket slot and into lugs. Do not tighten lug screws. Position the loose buffer tubes to the outside edge of bracket. (Figures 5 & 6)  
Slide bracket along strength members until the outer sheath of the drops align with the end of the bracket. (Figure 6)

**IMPORTANT: The six port drop seal needs to be positioned so that the drops are in horizontal position with regards to the strength member bracket. (Figure 6)**

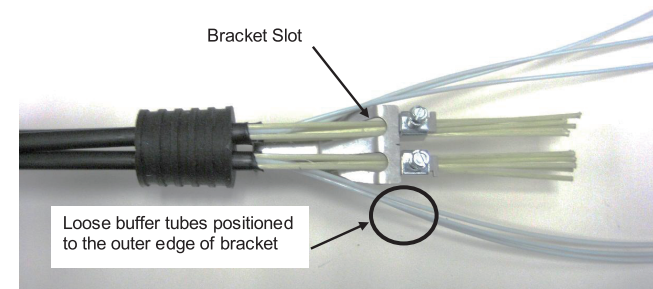


Figure 5

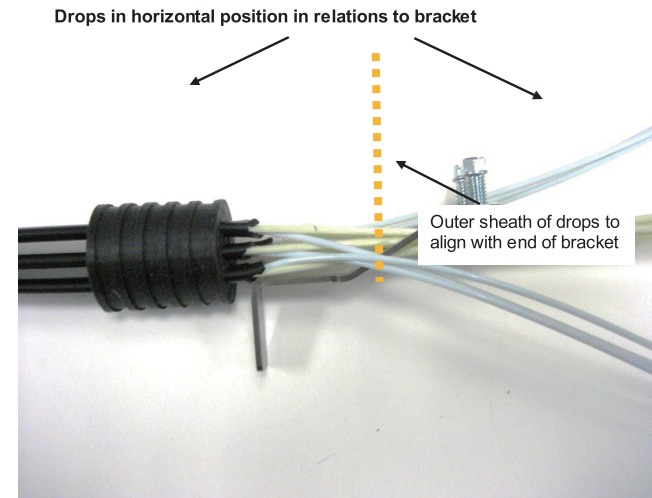


Figure 6

- 2.7 Tighten lugs to secure strength members. NOTE: lugs may need to be loosened to adjust for alignment of the six port drop seal with relations to the housing when installing the bracket to the housing.

### 3.0 Installation of Drop Assembly into Housing

3.1 Install black tie wrap into housing. (Figure 7)

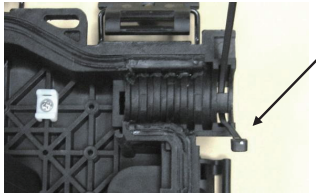


Figure 7

3.2 Install drop assembly into housing being sure to align the ridges of the six port drop seal with slots in housing. NOTE: lugs may need to be loosened to adjust for alignment. When properly positioned, press strength member bracket tab into slot until the drop seal bottoms into closure. Loosely secure drops with black tie wrap. (Figures 8 & 9)

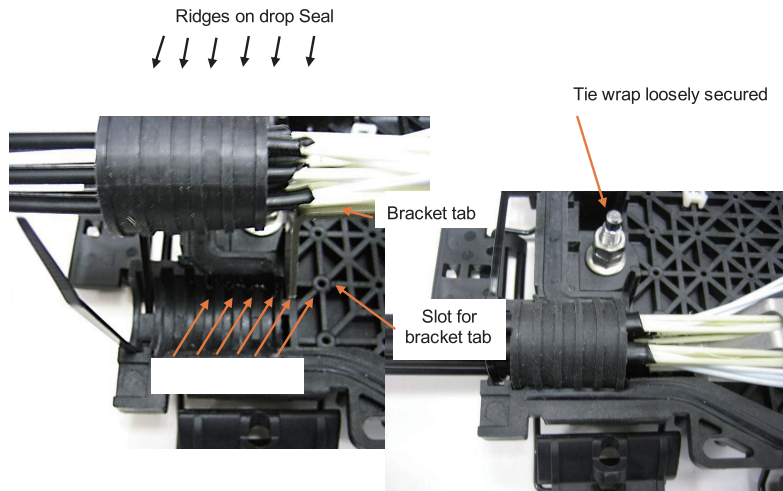


Figure 8

Figure 9

3.3 **Fully tighten lug nuts** to secure strength members (S.M.). Cut excess length of S.M. (Figure 10)

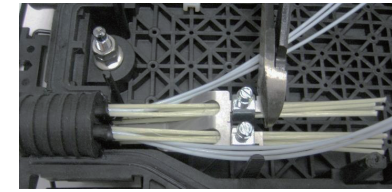


Figure 10

### 4.0 Routing of Loose Buffer Tube (LBT)

4.1 Route LBT to tray and place a mark on the tube on inch past the edge of the tray. NOTE: if more than one tube, the tubes must double stacked on tray. A total of 12 tubes per tray, 6 per side, double stacked. (Figures 11 & 12)

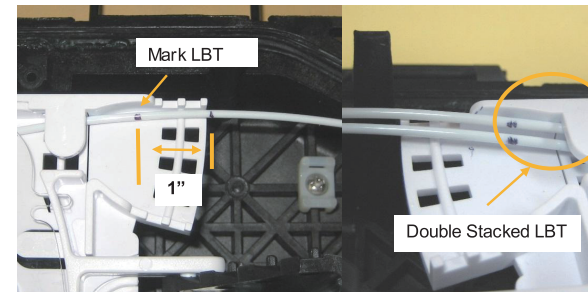


Figure 11

Figure 12

4.2 Ring cut LBT at mark and remove tubing.  
4.3 Cut exposed fiber to a length of 36".  
4.4 Clean fibers using an approved degreaser cleaner.  
4.5 Wrap the end of the LBTs with the loose buffer tube wrap, **one layer of tape**. Attach LBTs to tray with two white tie wraps. (Figures 13 & 14)



Figure 13

Figure 14

4.6 Repeat steps 4.1 – 4.5 for each additional LBT.