

FOSC 450 Closure External Ground Kit

I N S T A L L A T I O N I N S T R U C T I O N



Figure 1

1.0 General Product Information

Note: The maximum diameter cannot exceed 1" in diameter for both cable and external ground wire.

This kit is used to install an external ground (EG) in the FOSC 450 fiber optic splice closures. This kit allows you to externally ground and isolate individual cable shields. One EG kit per cable is required for isolated grounds.

Note: Read and follow all safety precautions documented in the FOSC 450 closure installation instructions.

2.0 Kit Components

- 18" solid copper #6 ground wire
- Green felt tape
- Gel strip
- Installation instructions

2.1 Optional Kits

FOSC-ACC-MULT-EX-GRND-6: Installed into port providing six external grounds.

FOSC-ACC-MULT-EX-GRND-3: Installed into port providing three external grounds.

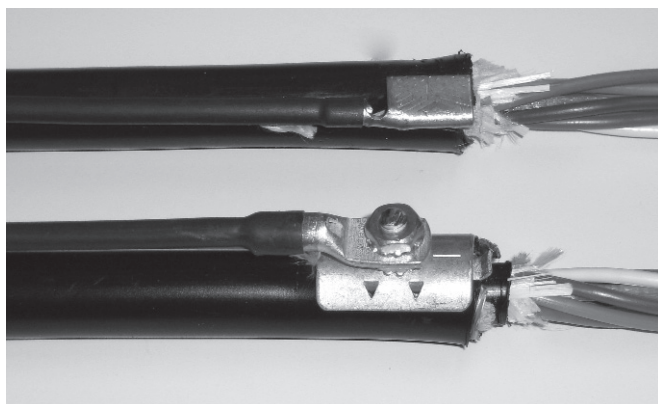


Figure 2

3.0 Installation

1. Tab the cable or pull the ripcord 1" past the ring cut to create an opening in the cable for the ground wire or bond clamp. If you are not using a bond clamp, crimp the supplied ground wire onto the sheath and shield. If using a bond clamp, attach the ground wire to the bond clamp. (Figure 2) For central core tube cable, tab between the strength members. Consider the cable's eventual placement in the closure, and place the ground wire where it will not interfere.
2. Wrap the installed ground wire connection and sheath with vinyl tape. (Figure 3)
3. Repeat steps 1 and 2 for each cable to be isolated and grounded. One EG kit is required for each cable that will be isolated and grounded.

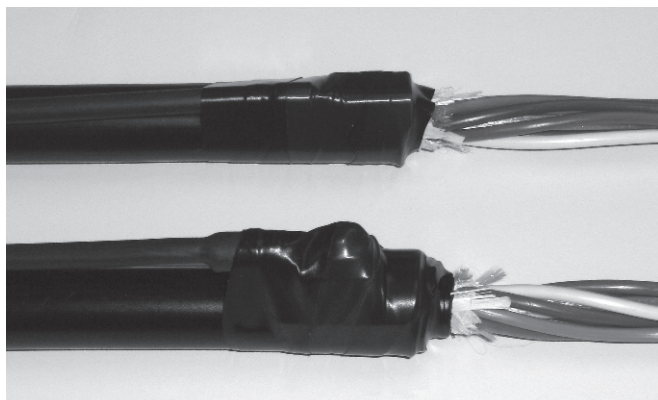


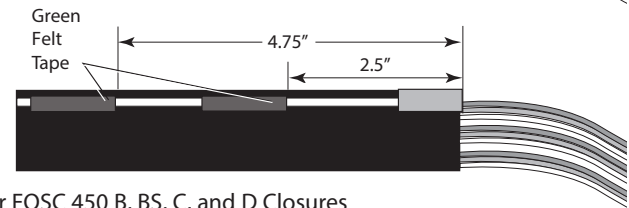
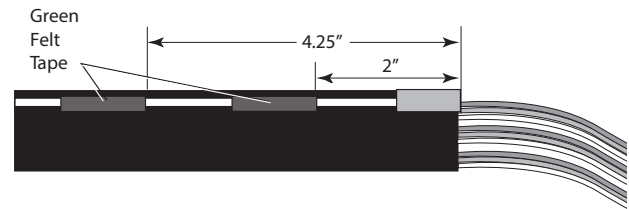
Figure 3

Note: Measurements will be different for FOSC 450 A closure than for FOSC 450 B, BS, C, and D closures.

4. Wrap the ground with 1-1/2 wraps of felt tape in two positions, as indicated in Figure 4.
5. Wrap the gel strip around the #6 ground wire between the two pieces of green felt tape. (Figure 5) Do not stretch the gel strip as you wrap it around the ground wire. Reposition the ground wire against the cable. Tie-wrap in place 3" below the bottom piece of green felt tape.
6. If necessary, cut the alligator clip or eyelet off the end of the ground wire for connecting to the external ground (Figure 6)

Continue cable installation using the FOSC 450 closure installation instructions.

For FOSC 450 A Closures



For FOSC 450 B, BS, C, and D Closures

Figure 4

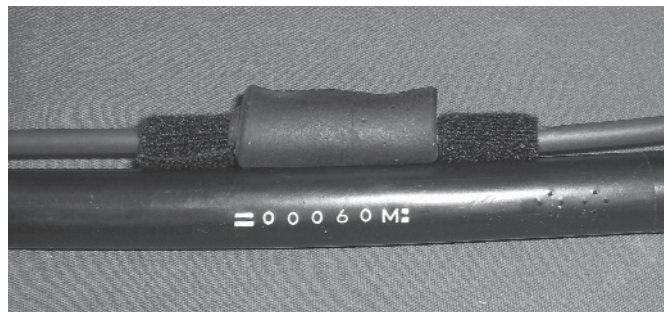


Figure 5

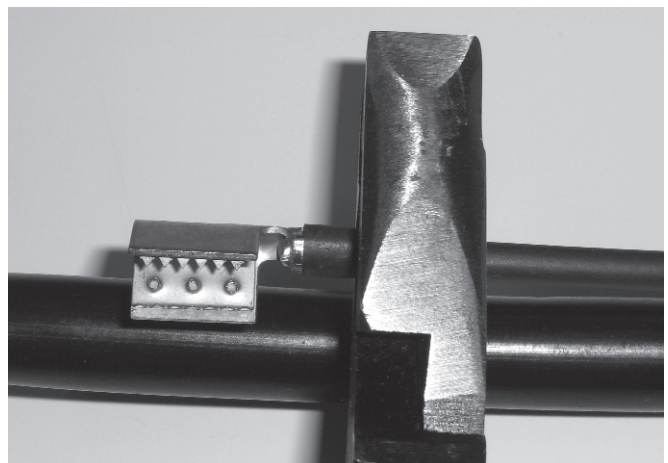


Figure 6

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