

Premises Patch and Splice Enclosure

1.0 General Product Information

The FibrBoss PB06-B six-connector fiber premises box is intended to be used to patch and splice up to six pigtails or jumpers in an environmentally secure housing in an indoor or outdoor wall mounted application. Fiber optic cables up to 10mm OD can be accommodated by this enclosure.

2.0 Kit Components

- Tie Wraps
- Adhesive backed felt strip
- Housing
- Metal fiber management patching/splice tray
- Adapters
- Pigtails
- Splice Sleeves

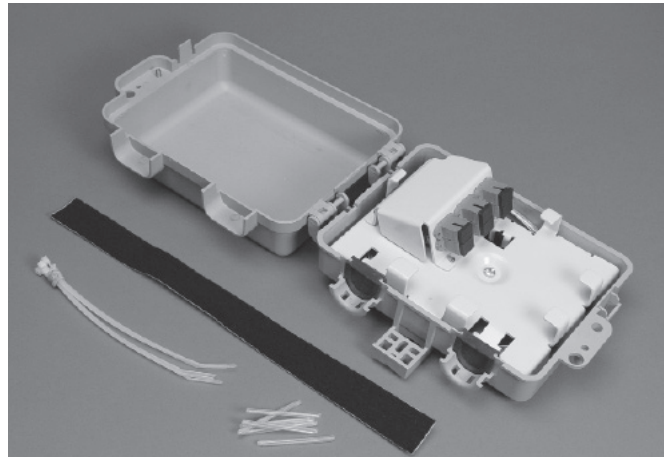


Figure 1

3.0 Installation Instructions

1. Loosen security screw if necessary to open premises box.
2. Remove screw holding the metal fiber management patching/splice tray in place and remove it from the box (Figure 2).
3. Punch through knockouts in base of premises box to create holes for mounting screws, or use mounting tabs on the top and bottom of the box and insert screws or pole strap. Mount the premises box in the desired location.

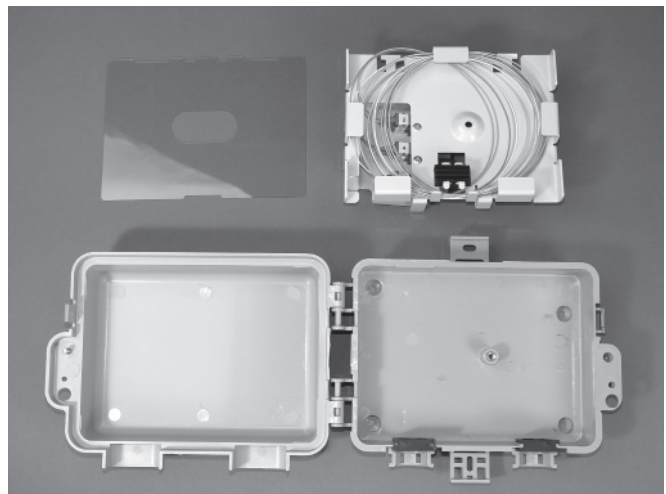


Figure 2

4. Remove left rubber grommet seal from the box. Pierce the port seal and insert the cable through it. Slide the seal up the cable about three feet. (Figure 3)
5. Prepare the cable by stripping away 15 - 24" of the outer jacket.
6. Cut the strength members flush with the outer sheath ring cut.
7. Ring cut and remove the fiber tube 1" beyond the outer jacket to expose the bare fibers. Clean fibers per local practice.
8. Wrap one lap of supplied felt tape around the drop cable jacket, even with the edge of the cable jacket.
9. Turn the metal fiber management patching/splice tray with connector ports down. Remove clear protective cover and un-coil the pigtails for splicing.
10. Secure the cable to the right side of the fiber management patching/splice tray with the supplied tie wrap as shown in Figure 4 and inset. Make sure the felt tape protects the cable from the tie wrap.

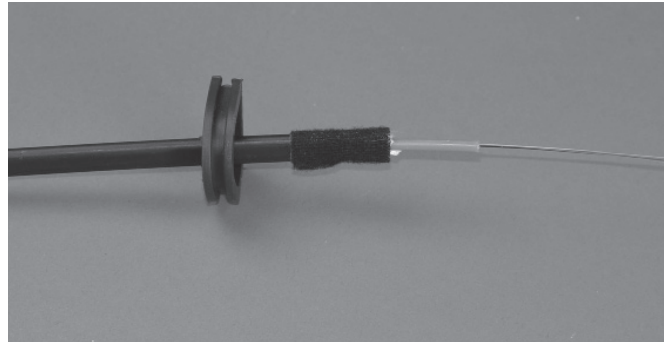


Figure 3

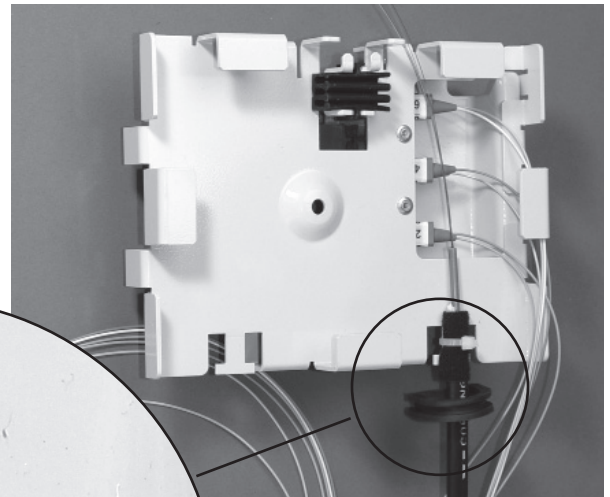
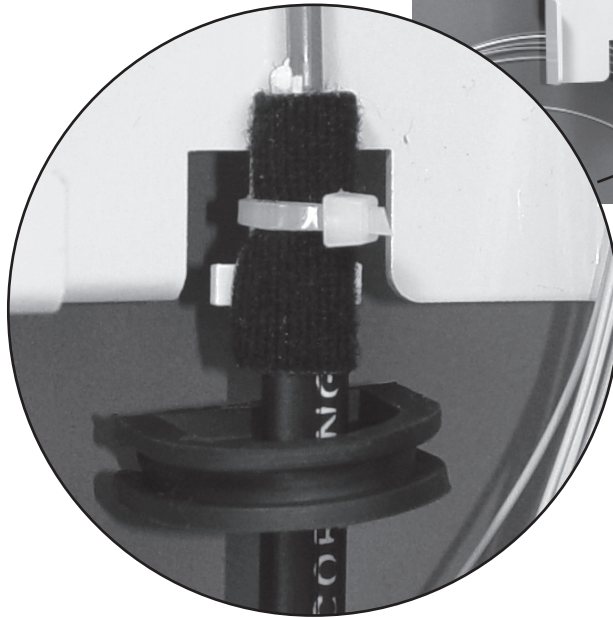


Figure 4



11. Splice the fibers using 42mm short splice protection sleeves provided. Splices can be double-stacked for a total capacity of six. When finished splicing, ensure all fibers are stored under the fiber tabs of the tray (Figure 5). Replace clear protective cover over splices.

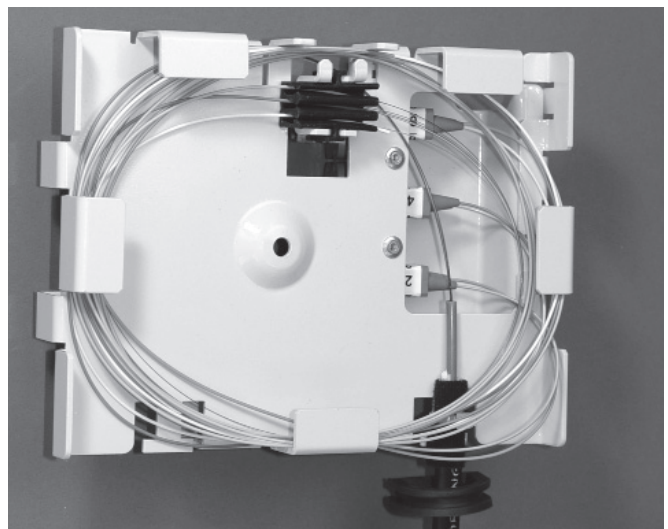


Figure 5

12. Flip metal fiber management patching/splice tray over, connector side up, and slide the grommet into the port slot (Figure 6). Secure the tray using the supplied screw.

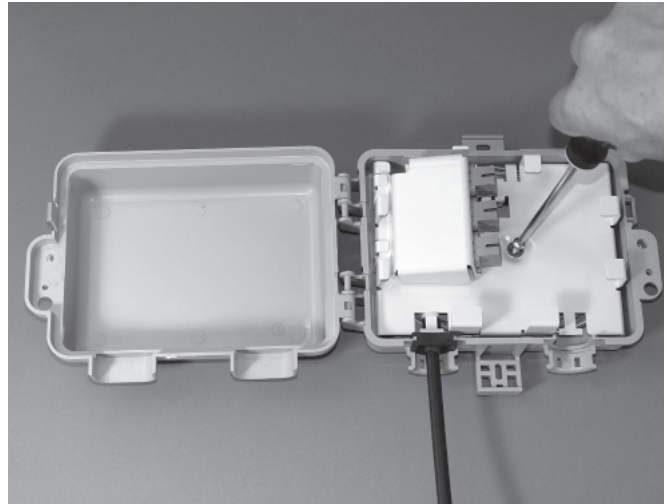


Figure 6

13. Remove the other rubber grommet seal from the box. Pierce the port seal.

Note: If necessary, slit the grommet with snips as shown in Figure 7 to allow multiple connectors/cables to pass through.

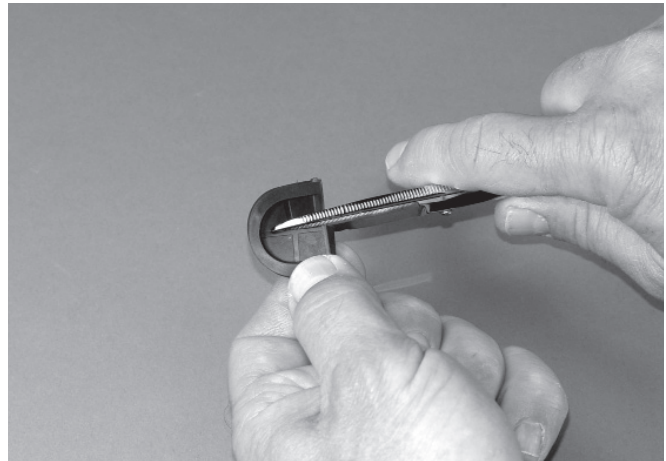


Figure 7

14. Wrap a lap of felt tape around the jumpers approximately 20" from the connector end.(Figure 8) Wrap the jumpers in a bundle, or wrap them individually. Insert the jumper or pre-connectorized cable through the pierced or slit cable seal. Slide the seal up the cable about two feet.

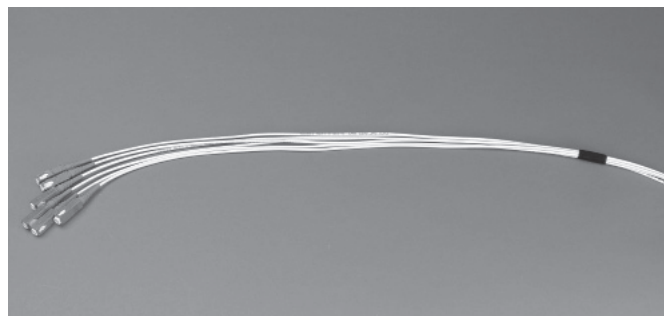


Figure 8

- Secure the jumpers to the lower port of the tray as shown with the supplied tie wrap, making sure that the felt tape protects the jumpers from the tie wrap. Slide the cable grommet up into place in the box's right port (Figure 9).

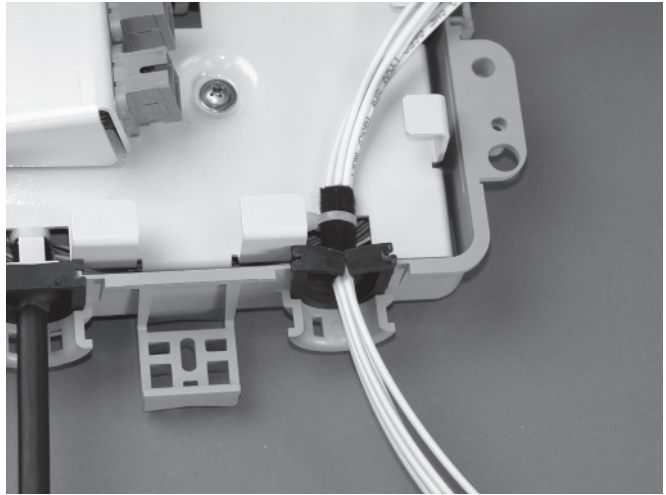


Figure 9

- Plug in the jumpers or pre-connectorized cable as shown in Figures 10 and 11. Adjust the jumper loops as necessary to make them lay flat around the perimeter of the tray, under the metal tabs. Make sure that all jumpers are under the tabs and will not be pinched when the box is closed.
- Close the box and secure it with the security screw.

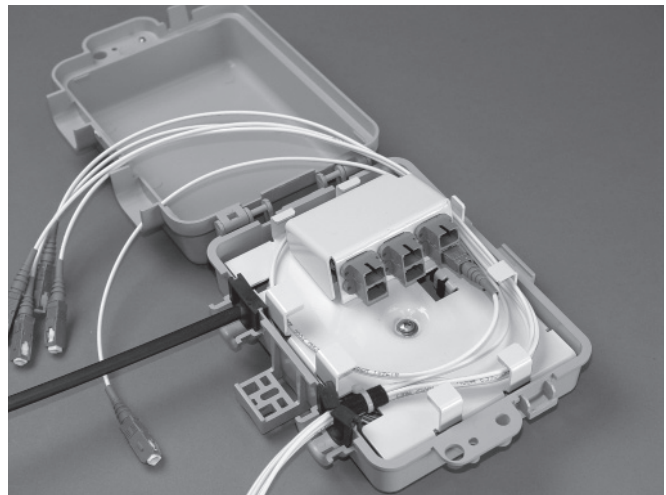


Figure 10



Figure 11

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