Ground Kit (AX101099)

**Parts supplied**

- Suggested Tooling

**REQUIRED STEPS BEFORE GROUND KIT INSTALLATION**

- Cut first 2” (50mm) of jacket and armor to gain access to the rip cords.
- Using the rip cords, remove 83” (211cm) (or required length) of outer jacket and armor.
- Rip 3” (8cm) more of jacket and armor on one side.
- Pry open jacket and armor.
- Mark and Punch a Hole at about 1.5” (3.8cm).
- Pre-form the Bond Clamp if necessary.
- Select and insert the Bond Clamp as per the cable diameter.
- Close the armor and jacket over the bond clamp.
- Secure the jacket with several layers of electrical tape.
- Install the clamp, nut, and ground wire.
- Mark and remove inner jacket at about 5” (13cm) from Bond clamp.
- Cut Central strength member at about 6” (15cm) from the end of the jacket.
- Cut flex tubes to desired length and insert over loose tubes.
- Secure Flex Tubes to Strength member with tye-wraps.
- Cover the transition with heat shrink tubing or electrical tape.

**BELDEN RECOMMENDS INSTALLING A FLEX KIT (AX104002) ONTO LOOSE TUBE CABLES.**

- 9. Remove Kevlar, water blocking tape, and all filler tubes.
- 10. Cut Central strength member at about 6” (15cm) from the end of the jacket.

**Typical installation on a FiberExpress Manager Shelf.**

- 11. Cut flex tubes to desired length and insert over loose tubes.
- 12. Secure Flex Tubes to Strength member with tye-wraps.
- 13. Cover the transition with heat shrink tubing or electrical tape.

**14. Insert the Strength Member of the Cable into the Ground Lug.**

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**16. Complete the Grounding Installation.**

**NOTE:** Each cable shall be grounded individually to a single ground point specified in the building.