

## 1. General

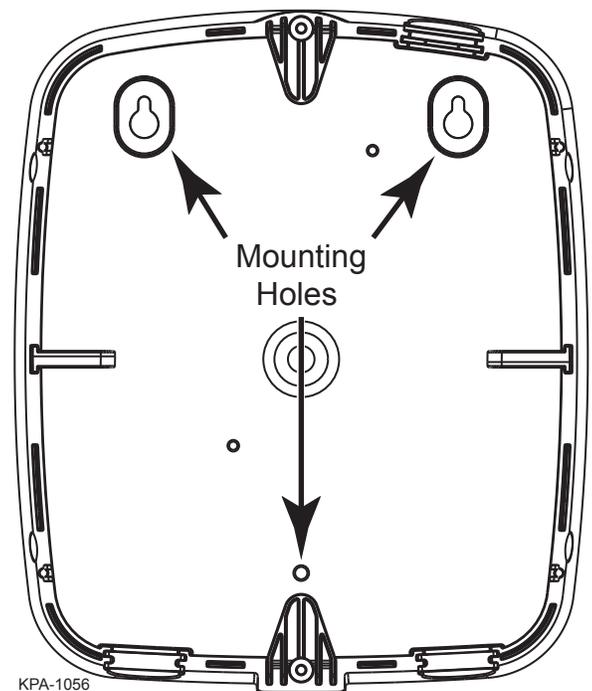
This document describes the recommended procedure for installing the fiber network slack storage device behind the fiber network device (FNI-NG). The FNI-NG mounts directly to the slack storage device. The slack storage device has a cover and grommets in the cable entry ports to prevent intrusion of water and insects.

## 2. Installation

### 2.1 Mount the Slack Storage Device

Mount the slack storage device to a vertical surface near approved ground, but away from downspouts, permanent water sprinklers, or other water sources.

- Step 1:** Using the slack storage device as a template, mark the three mounting holes on the wall (Figure 1). Prepare a mounting hole in the wall for each opening.
- Step 2:** Use at least #8 hardware to mount the device to the dwelling. Depending on the screw head size, flat washers may be required.
- Step 3:** Ensure that the device is square to the mounting surface to prevent warping. Shim with flat washers or equivalent, if necessary.



KPA-1056

Figure 1

### 2.2 Route Connectorized Drop Cable

- Step 1:** Determine the cable entry location. Cable can only enter the slack storage device from the upper right or the lower left corners. Pierce the entry grommets and feed the connectorized drop cable through them. Do not make too large an opening that will allow insects to enter.
- Step 2:** Route the cable in the tray in a clockwise direction (Figure 2). The drop cable must exit the slack storage device from the lower right corner.
- Step 3:** Leave enough drop cable extending from the bottom of the slack storage device to allow for a drip loop when connected to the FNI-NG unit.

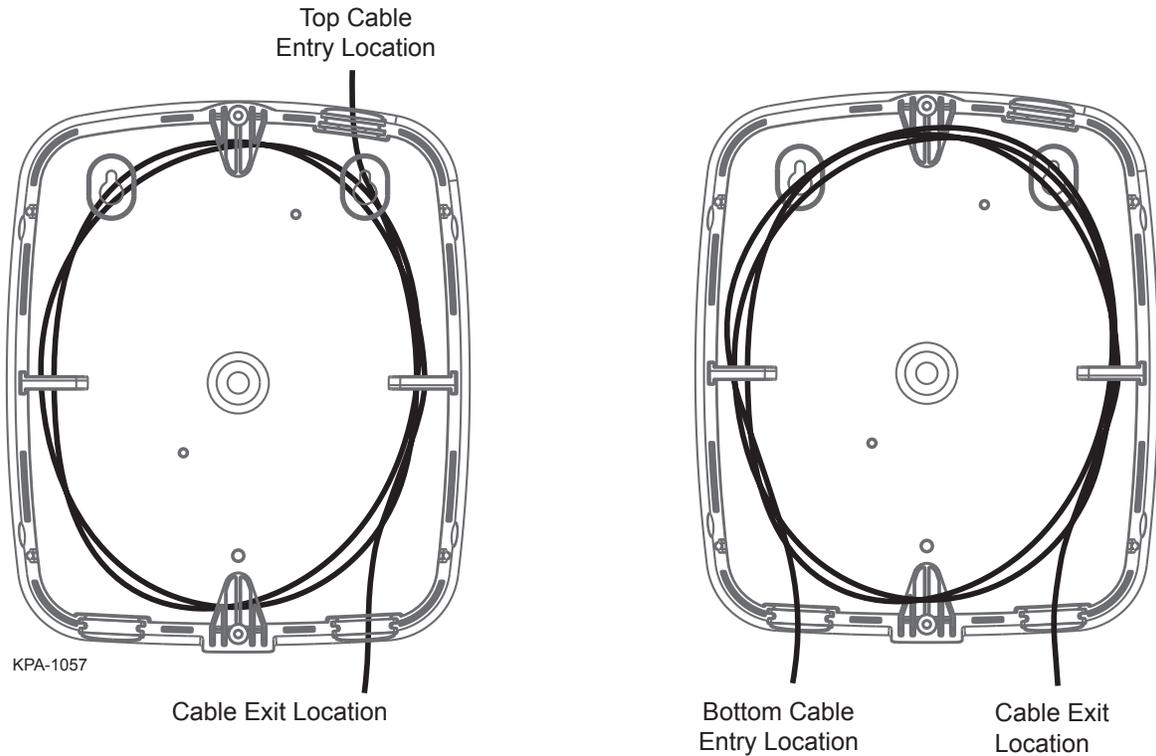


Figure 2

**Step 4:** Place the cover on the slack storage device (Figure 3).

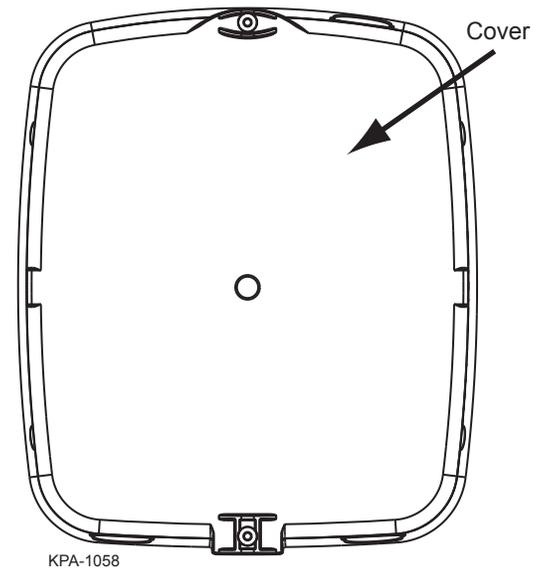


Figure 3

### 2.3 Attach FNI-NG Unit to the Front of the Slack Storage Device

- Step 1:** Open the FNI-NG unit to access the bottom mounting foot.
- Step 2:** Attach the FNI-NG to the slack storage device using the mounting holes and the hardware provided (Figure 4).
- Step 3:** Close the FNI-NG cover after it is secured to the slack storage device.

**Step 4:** Refer to the instructions provided with the FNI-NG unit to open the unit and make connections inside.

**IMPORTANT:** Maintain at least a 3.5-in minimum bend radius in the drip loop to prevent damage to the fiber.

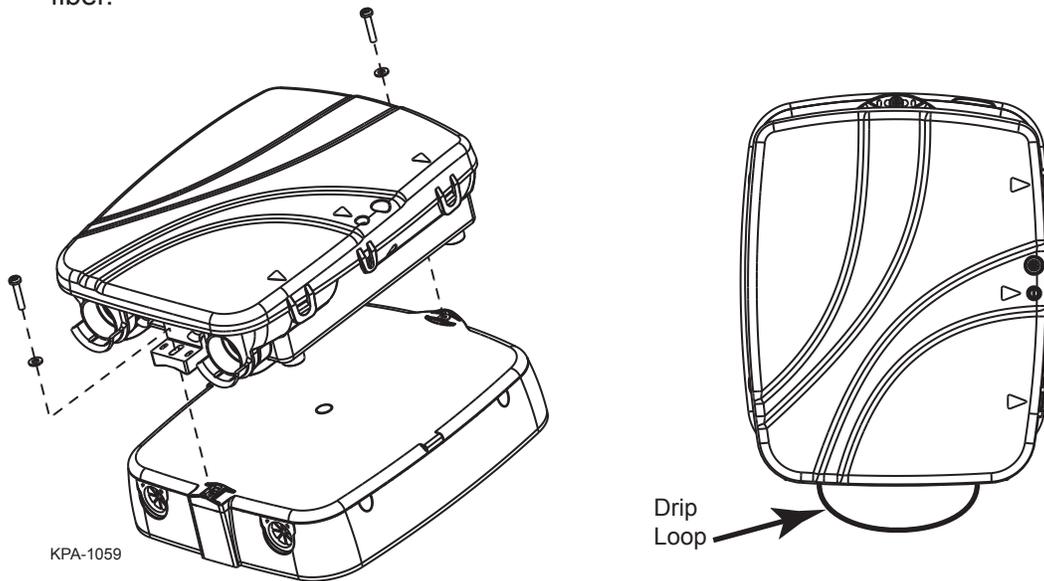


Figure 4

### 3. Replacing Connectorized Drop Cable

If the drop cable becomes damaged or must be replaced:

**Step 1:** Open the FNI-NG unit and disconnect the drop cable.

**Step 2:** Remove the FNI-NG unit from the slack storage device by removing the hardware at the two mounting points. Ensure that existing connections from the FNI-NG unit to the premises are not damaged or compromised by removing the unit.

**Step 3:** Remove the cover from the slack storage unit. Remove the damaged connectorized drop cable and replace it. Follow the cable routing configurations described in Section 2.2.

**Step 4:** Leave enough drop cable extending from the bottom of the slack storage device to allow for a drip loop when connected to the FNI-NG unit.

**IMPORTANT:** Maintain at least a 3.5-in minimum bend radius in the drip loop to prevent damage to the fiber.

**Step 5:** Remount the FNI-NG unit onto the slack storage device using the hardware previously removed.

**Step 6:** Remate the new connectorized drop cable inside the FNI-NG unit and secure the cover.

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