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003-948 Instruction, Centrix™ Platform Housing Installation

003-949 Instruction, Centrix™ Platform Pigtailed Housing with Pigtailed Cassette Installation

### 1. General

This document describes installation of the Centrix™ platform MTP® cassette into both rear and front access Centrix platform frames. The 4U housing is shown in this instruction, but the procedure applies to Centrix platform housings of all sizes.

### 2. Installation into Rear Access Frame

**Step 1:** Attach the bracket kit to the rear of the housing as shown in Figure 1.

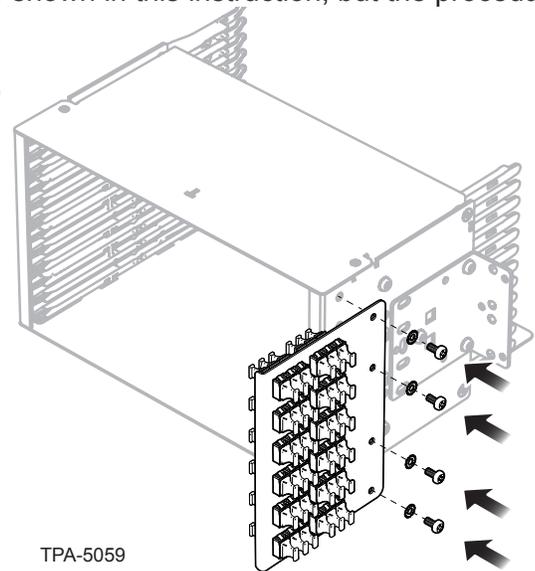


Figure 1

**Step 2:** Install the housing into the rear access frame (Figure 2) as described in SRP 003-948.

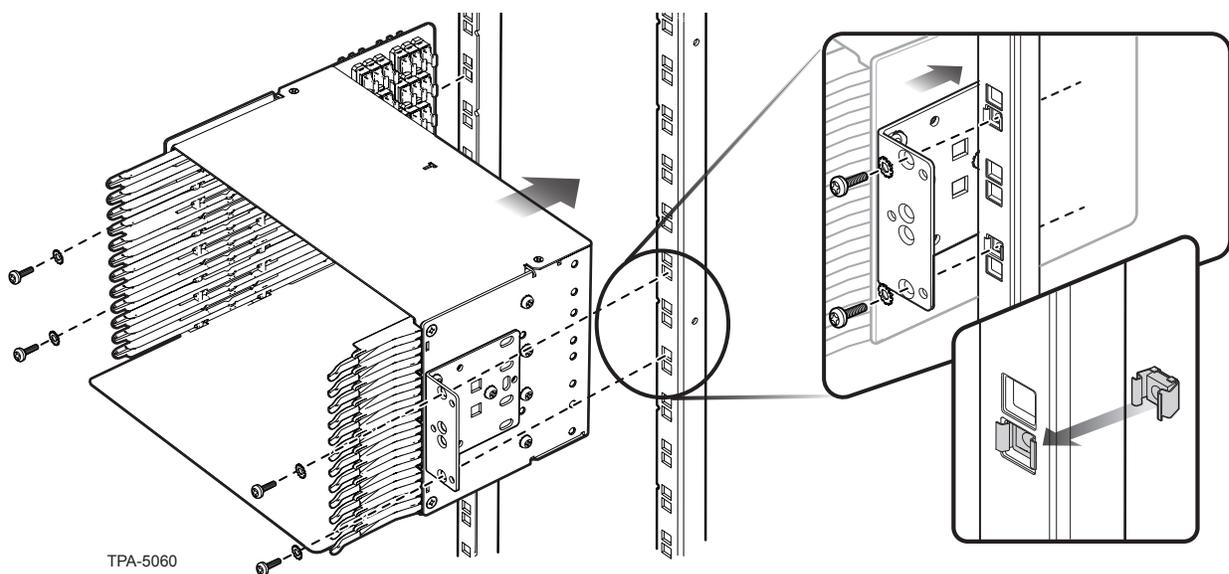


Figure 2

**Step 3:** Attach the strain-relief bracket to the frame (Figure 3).

**Step 4:** If using a furcated cable with multiple MTP® connectors, insert the furcation body of the cable into a cradle and slide the cradle onto the strain-relief bracket.

If using individual cables with MTP connectors, secure several cables in a bundle to the strain-relief bracket with cable ties.

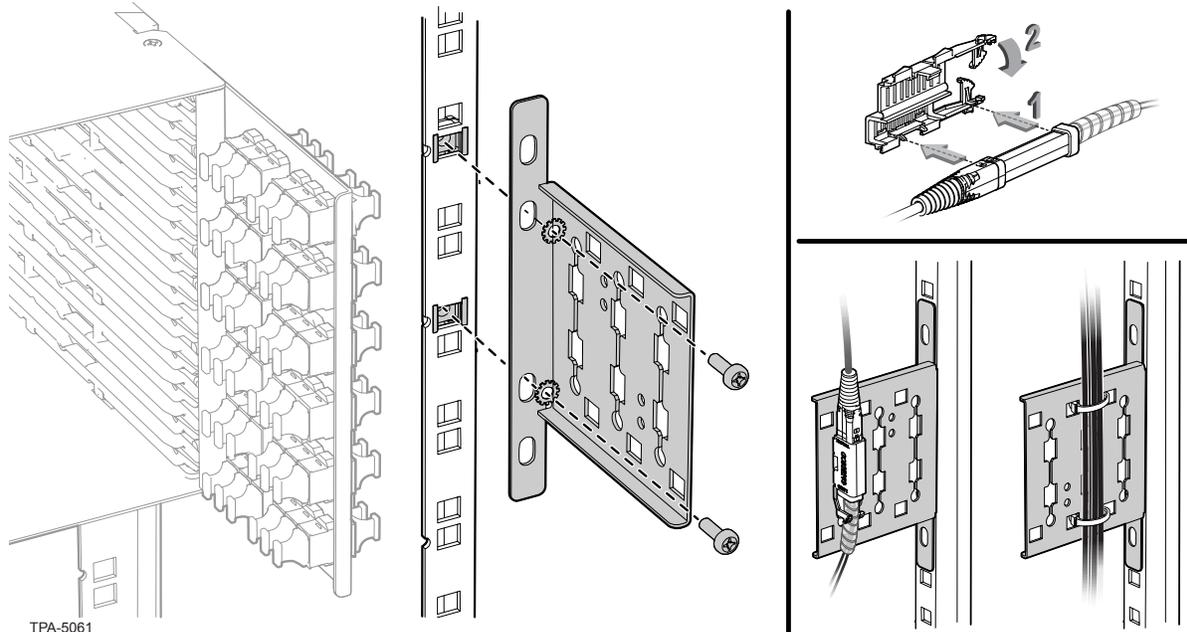


Figure 3

**Step 5:** Remove dust caps from the MTP connectors on the cables and the appropriate adapters. Clean both per standard company practices.

**Step 6:** Mate connectors into the adapters in the order listed on the bracket (Figure 4). For instance, the first input cable to the first leg of the first cassette connects to adapter 1:1; the first input cable to the first leg of the second cassette connects to adapter 2:1.

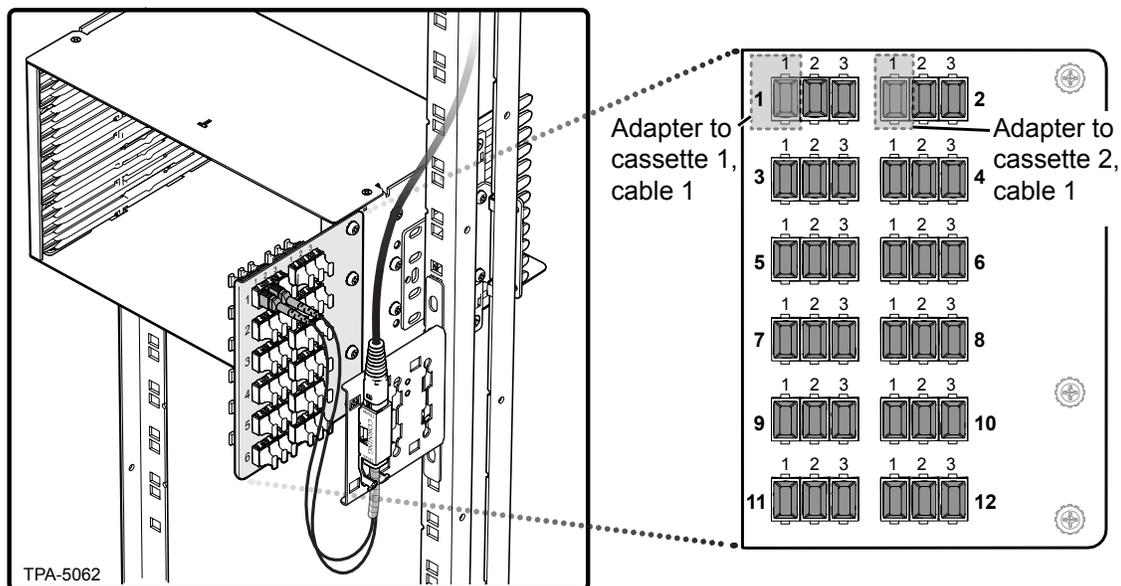


Figure 4

**Step 7:** Feed the MTP® pigtails through from the front of the housing to the back (Figure 5).

**Step 8:** Insert cassette into the housing, starting at the top of the housing.

**Step 9:** Continue loading cassettes until the housing is full.

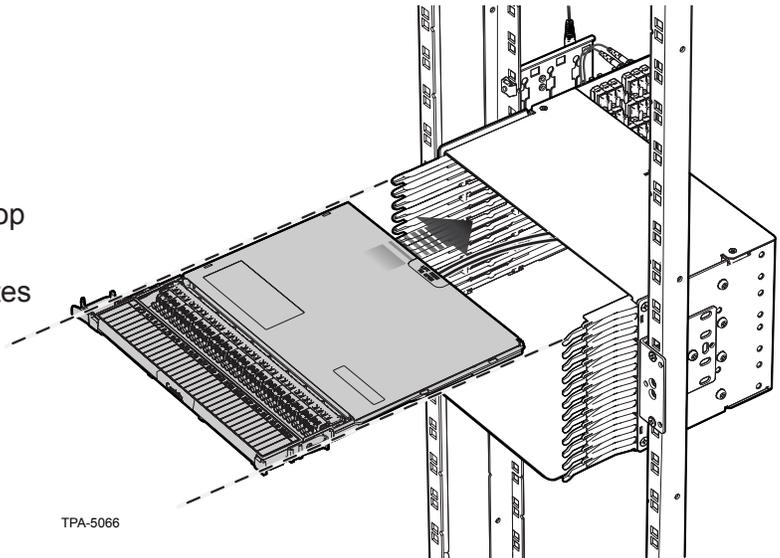


Figure 5

**Step 10:** Remove dust caps from the MTP connectors coming from the cassettes and the appropriate adapters. Clean both per standard company practices.

**Step 11:** Mate connectors into the adapters in the order listed on the bracket (Figure 6).

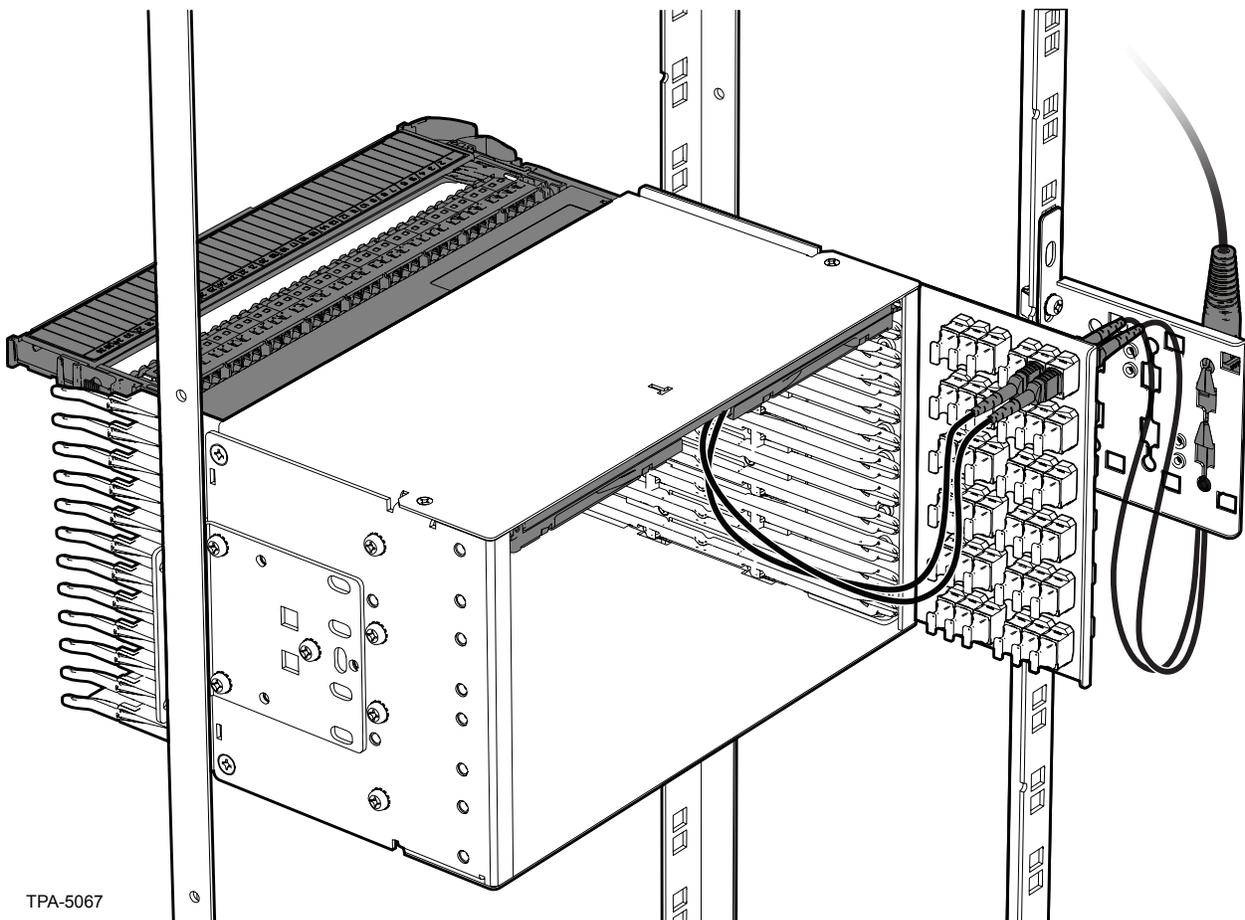


Figure 6

### 3. Installation into Front Access Frame

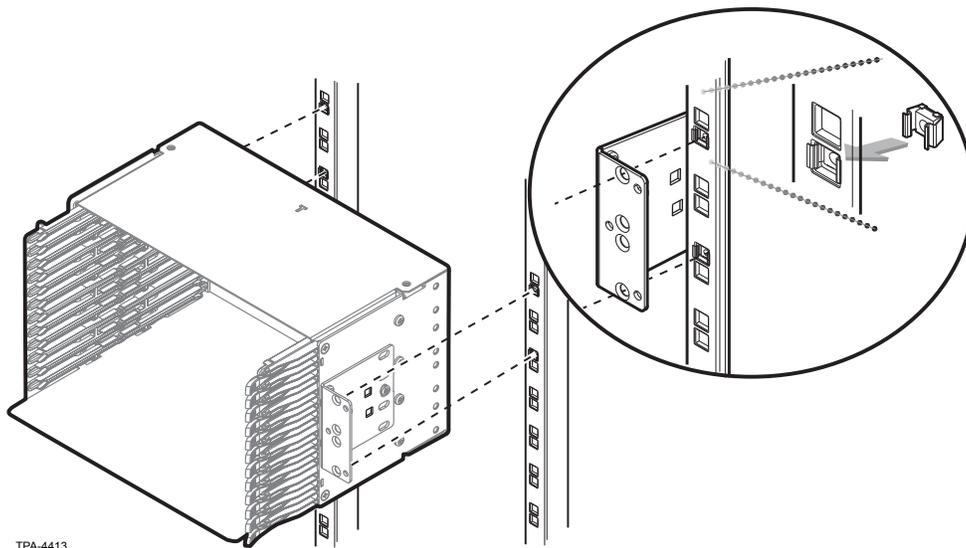


Figure 7

- Step 1:** Position the housing for installation into the front access frame (Figure 7) as described in SRP 003-948.
- Step 2:** Position the adapter bracket kit with the holes aligned with the holes in the housing mounting brackets as shown in Figure 8. Secure both the housing and the adapter bracket to the frame at the same time using the screws and cage nuts provided.

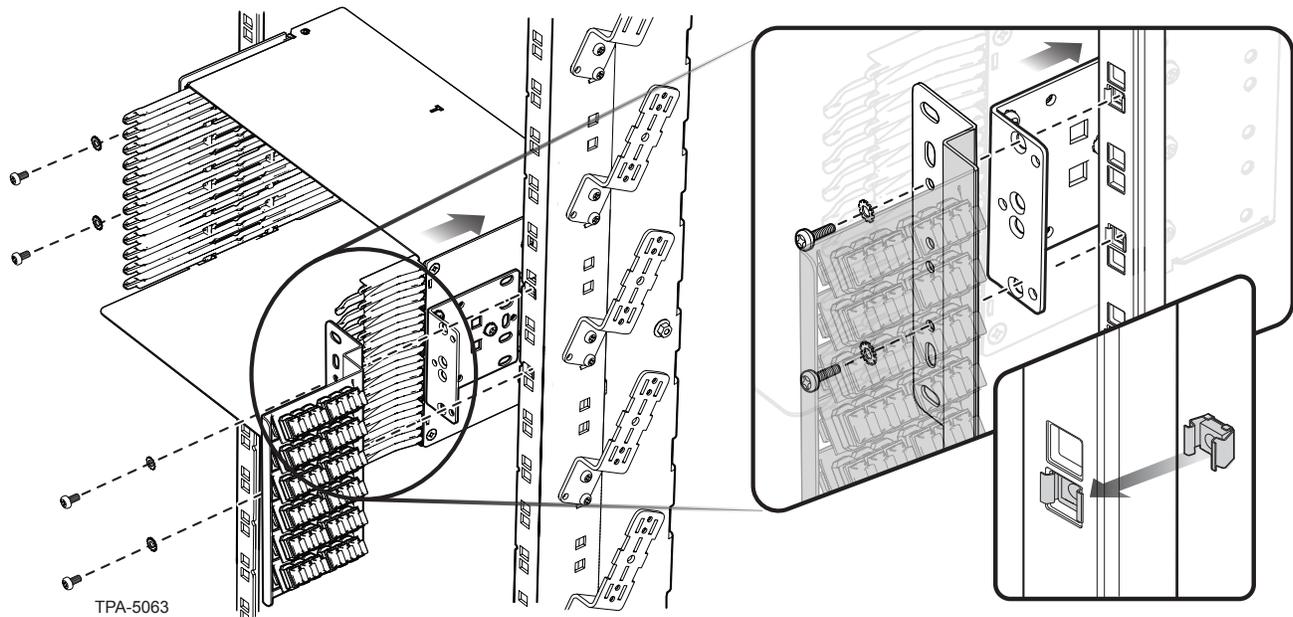


Figure 8

- Step 3:** Route MTP®-connectorized cables into the strain-relief channel, either from overhead or from the bottom.
- Step 4:** Remove dust caps from the MTP connectors on the cables and the appropriate adapters. Clean both per standard company practices.
- Step 5:** Mate connectors into the adapters beginning with the top outside adapter (Figure 9).
- Step 6:** Strain-relieve the cables to the strain-relief bracket above the housing position with cable ties or a universal cable clamp (UCC).

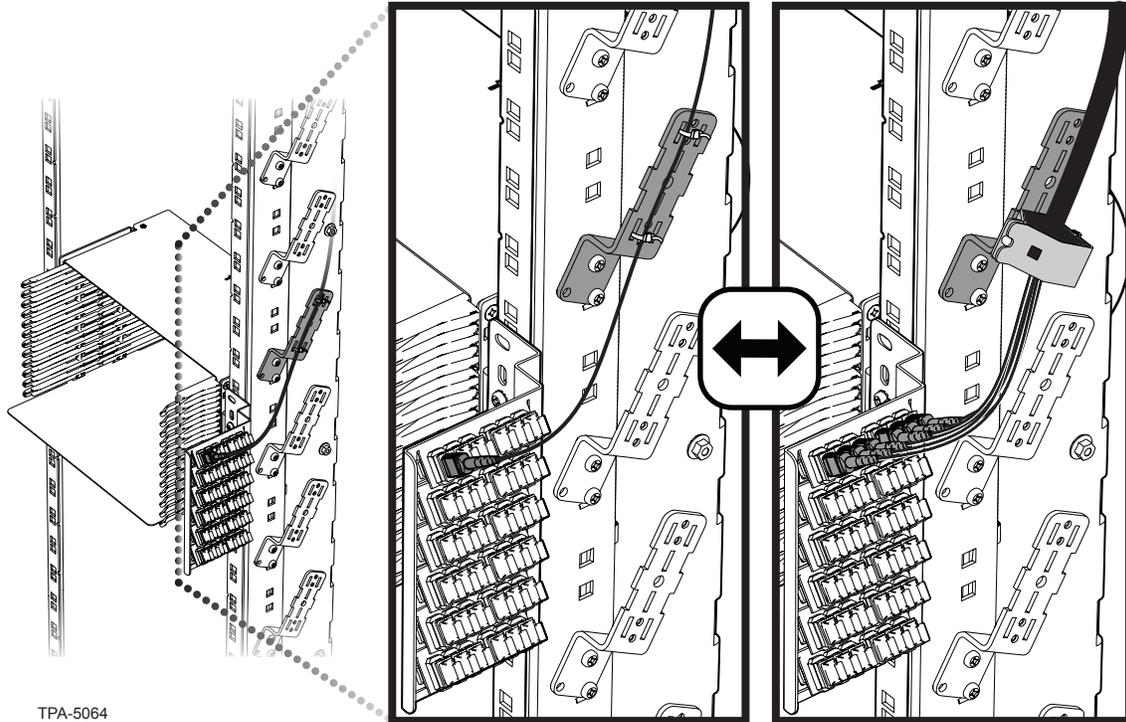


Figure 9

- Step 7:** Insert cassettes into the housing, starting at the top of the housing (Figure 10).
- Step 8:** Continue loading cassettes until the housing is full.

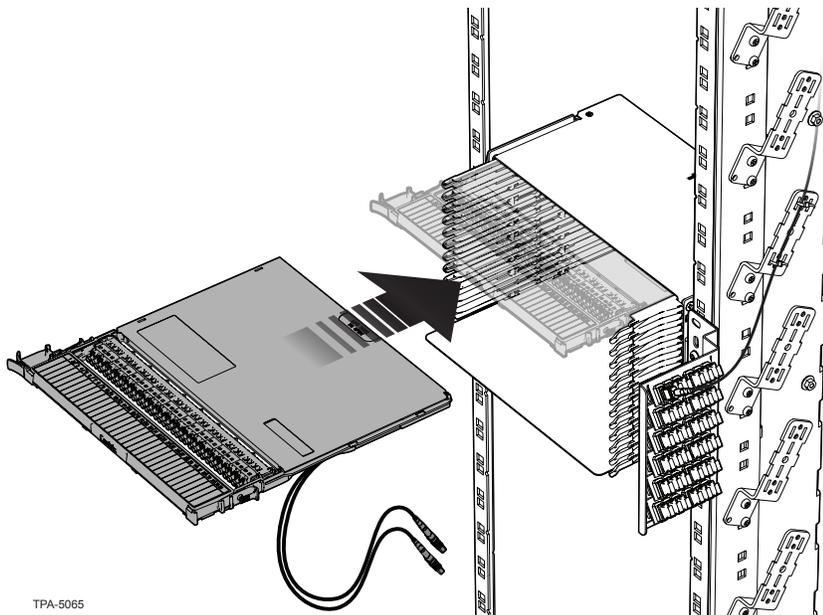


Figure 10

**Step 9:** Remove dust caps from the MTP®-connectorized pigtails coming out of the cassettes and from the appropriate adapters. Clean both per standard company practices.

**Step 10:** Mate connectors into the adapters in the order the incoming cables were mated (Figure 11).

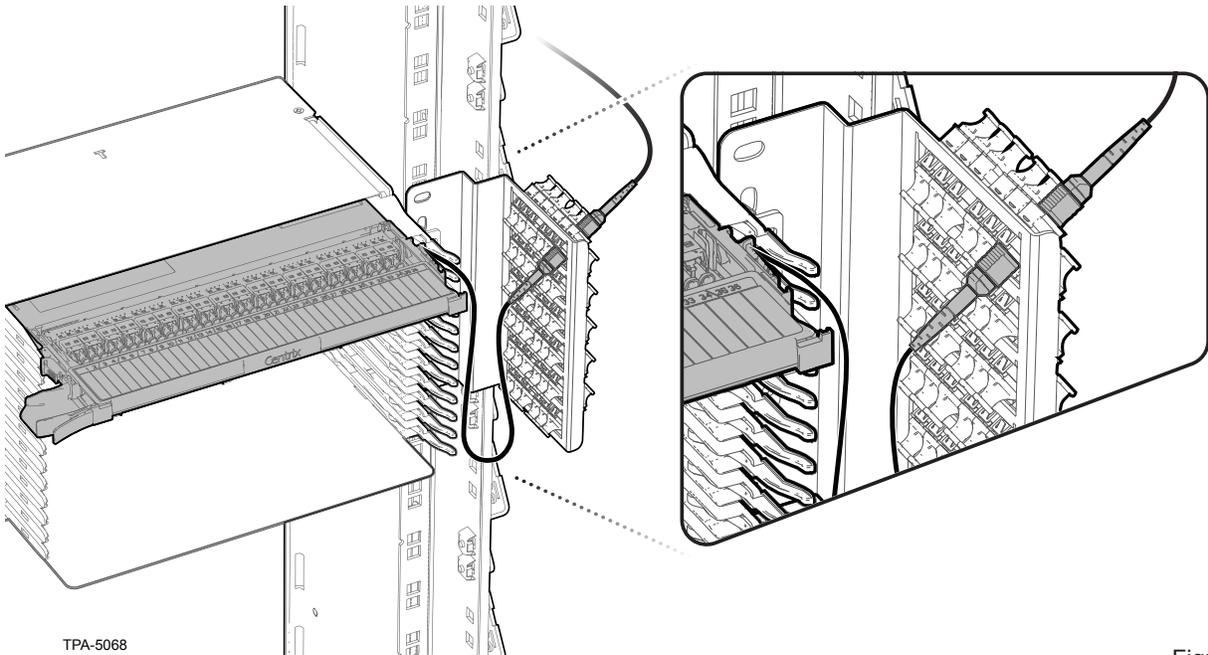


Figure 11

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