

CORNING

Centrix™ System Pigtailed MTP® Cassette Installation

P/N 003-1006-AEN
Issue 4

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003-948 Instruction, Centrix™ System Housing Installation

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

1. General

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

2. Installation into Rear Access Frame

Step 1: Attach the adapter bracket kit (P/N CTX-KIT-S4U-WW89) for the 4U housing example shown to the rear of the housing (Figure 1). Contact Customer Care for additional kit options based on housing size.

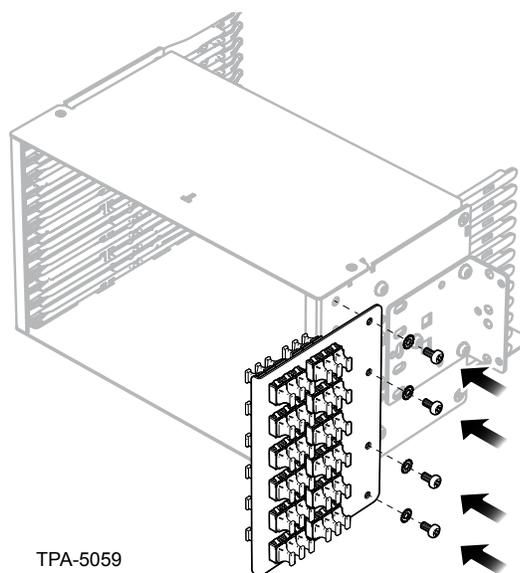


Figure 1

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

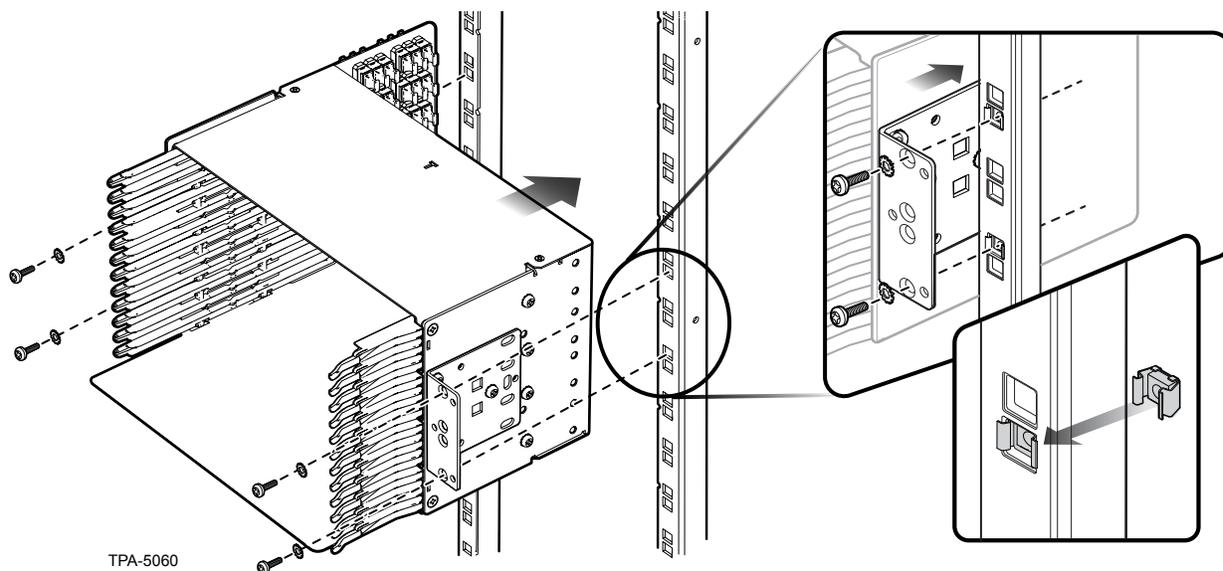


Figure 2

Step 3: Attach the strain-relief bracket (P/N CTX-KIT-S4U-MTP-SR) for the 4U housing example shown to the frame (Figure 3). Use CTX-KIT-S2U-MTP-SR for a 1U or 2U housing

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.

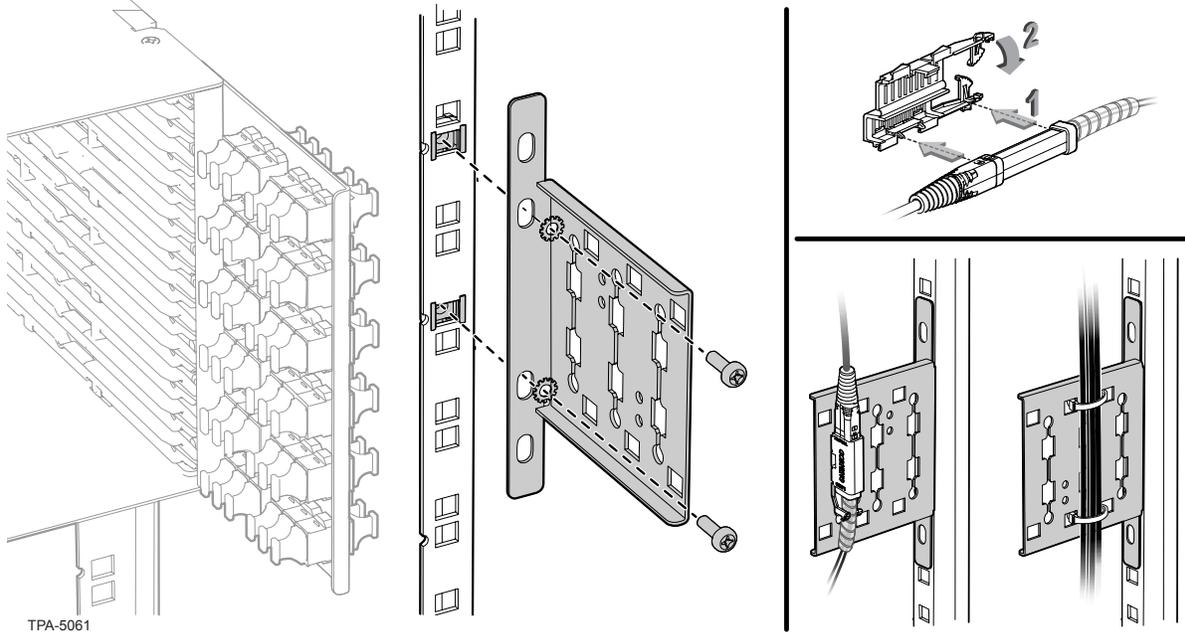


Figure 3

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.

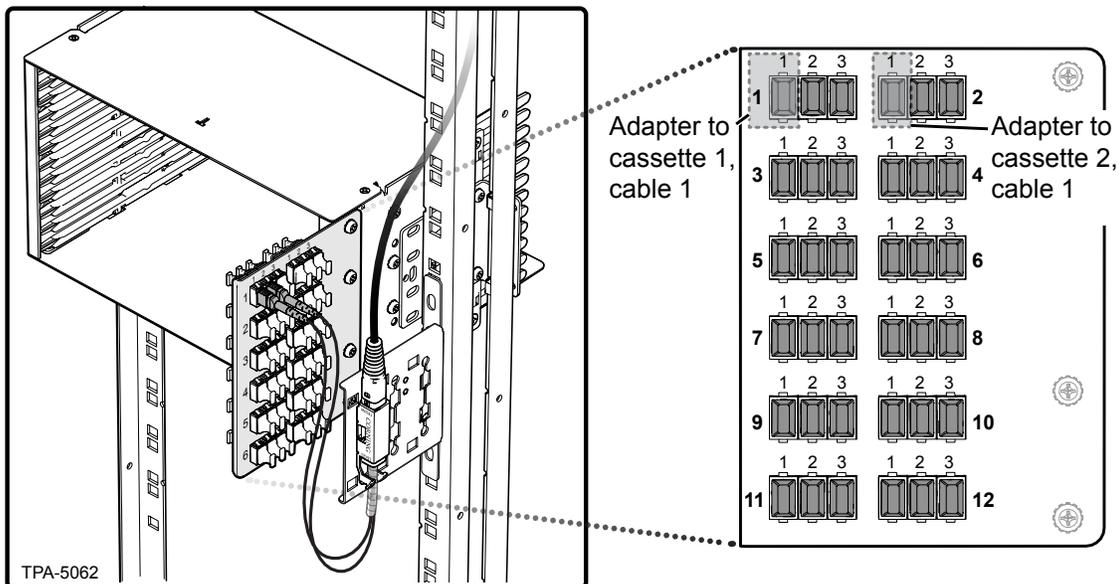


Figure 4

- 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.

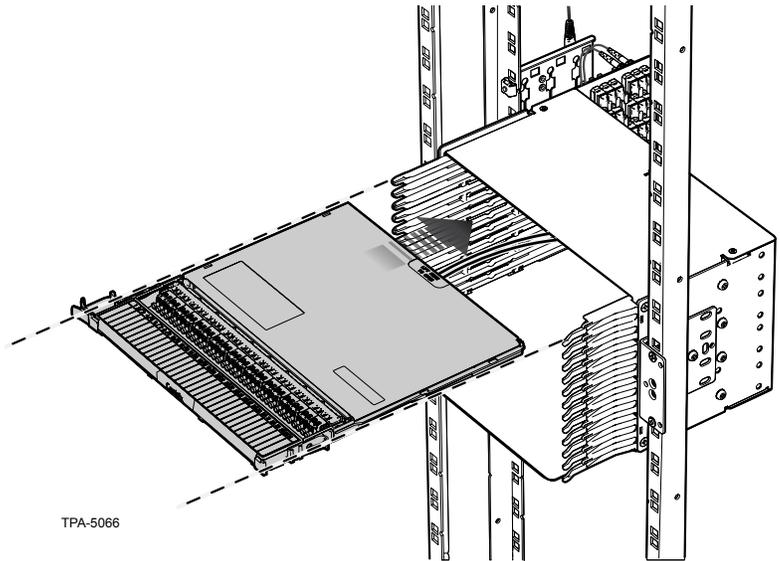


Figure 5

- 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).

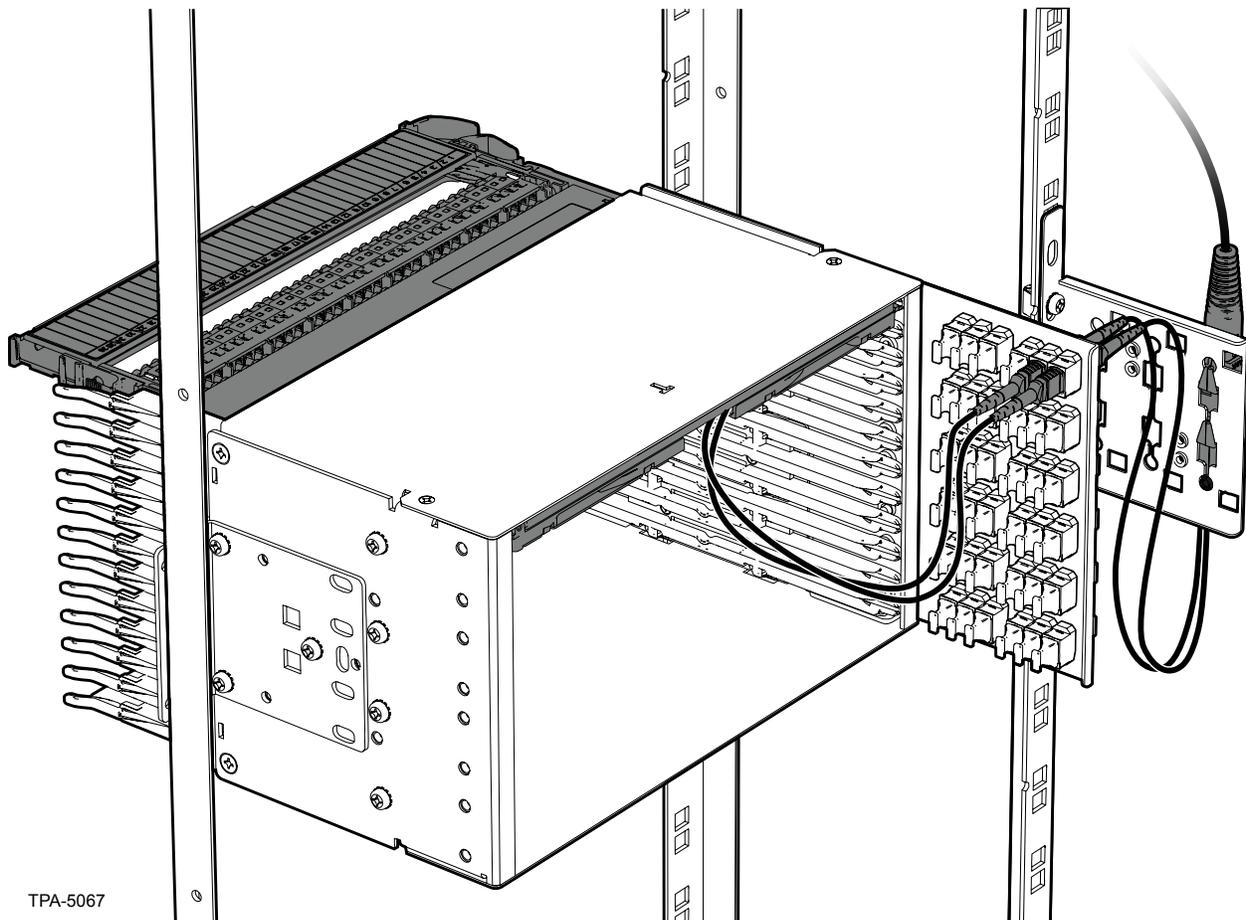


Figure 6

3. Installation into Front Access Frame

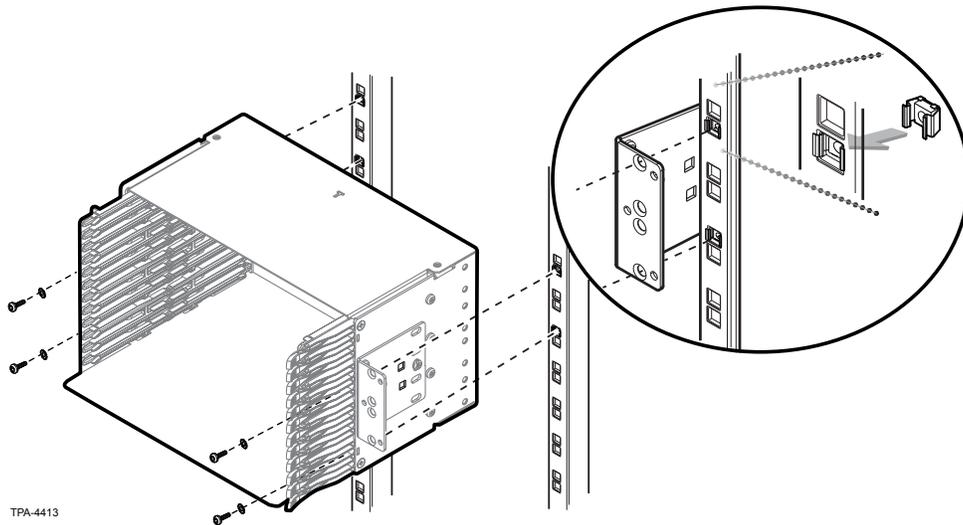


Figure 7

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 (P/N CTX-KIT-F4U-WW89) as shown for the 4U housing example. Align the holes on the two 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. Contact Customer Care for additional adapter bracket kit options based on housing size.

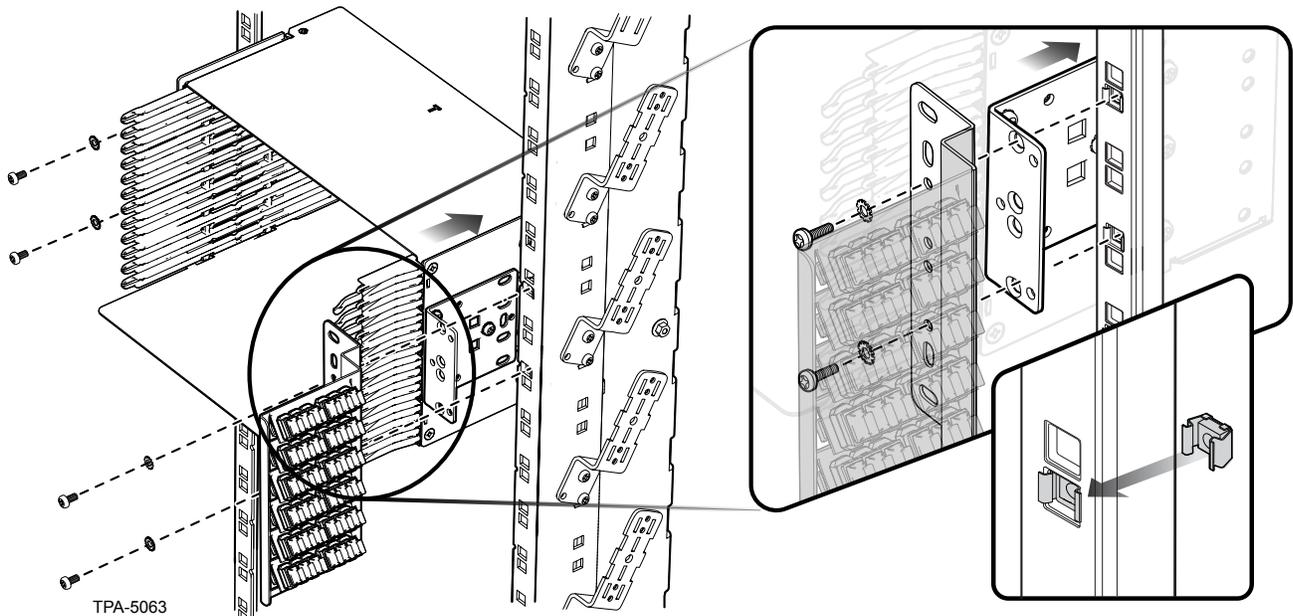


Figure 8

- 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.

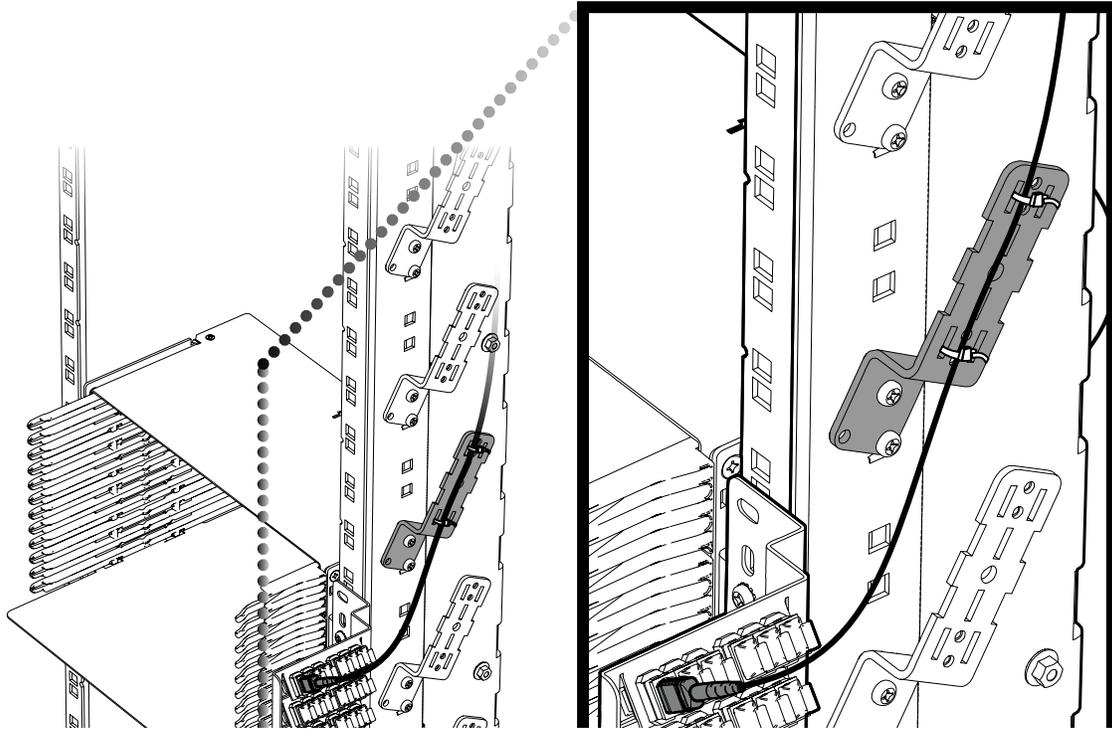
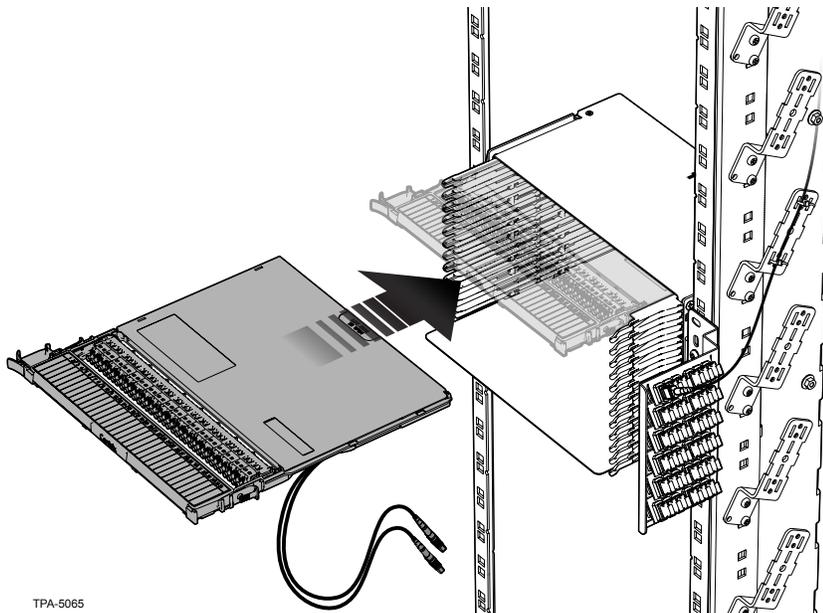


Figure 9

- 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.



TPA-5065

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).

