

Clip Plate for Installing RJ Furcation Plugs into a Pretium™ 4U Closet Connector Housing

Revision History

| Issue | Date | Reason for Change |
|-------|---------|-------------------|
| 1 | 08/2006 | Initial Release |

Related Literature

003-650 Instruction, Pretium™ 4U Closet Connector Housing

1. PRODUCT INFORMATION

This document describes installation of a clip plate into a Pretium 4U closet connector housing (PCH-04U) to allow Plug & Play™ Systems RJ furcation plugs to be installed into the housing. The furcation plugs integrate into optical hardware, providing fast and simple network connectivity.

2. CARTON CONTENTS

(1) Clip Plate (p/n PC4-RJ-PLT)

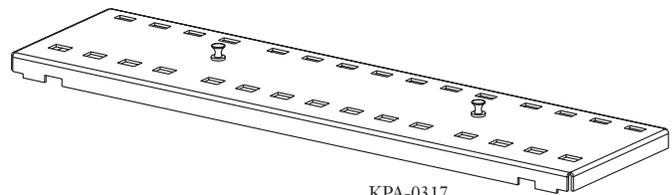
3. TOOLS AND EQUIPMENT

No special tools or equipment are required to install this product into a PCH-04U Housing.

4. INSTALLING THE PLATE

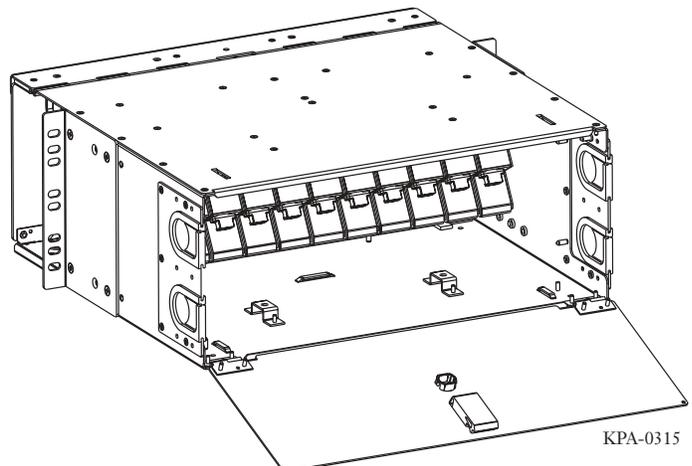
Step 1 Open the rear door of the housing (Figure 2).

Step 2 If installed, remove any plastic routing clips that may be in the base or ceiling of the housing.



KPA-0317

Figure 1 — Carton Contents



KPA-0315

Figure 2 — Open the Housing

- Step 3** Pull up on the plunger fasteners on the clip plate, insert the plungers into the two mounting brackets in the base of the housing (Figure 3), and press down on the plunger fasteners to secure the plate to the base. Repeat to install a second clip plate in the ceiling of the housing, if required.
- Step 4** Pierce the grommet at the location where the cable will enter the rear of the housing.

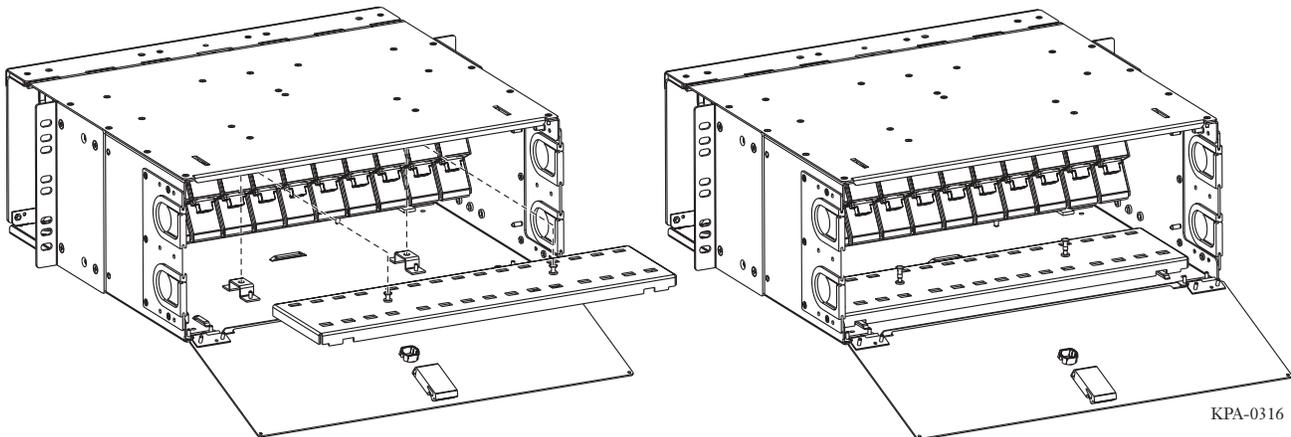


Figure 3 — Install the Clip Plate

5. INSTALLING THE FURCATION PLUGS

CCH Reduced Depth Modules should already be installed in the housing. If not, install the modules per the instructions provided with the module. Up to 12 24-fiber modules can be installed in the housing to reach the maximum fiber capacity of the housing.

- Step 1** Tilt the furcation plug and insert the foot of the clip into the first pair of square holes on the left side of the plate if the cable enters from the right (Figure 4) or on the right side of the plate if the cable enters from the left.
- Step 2** Press the other foot of the clip into the corresponding hole.
- Step 3** Feed the incoming cable through the prepared grommet to its location prescribed in your design plan.

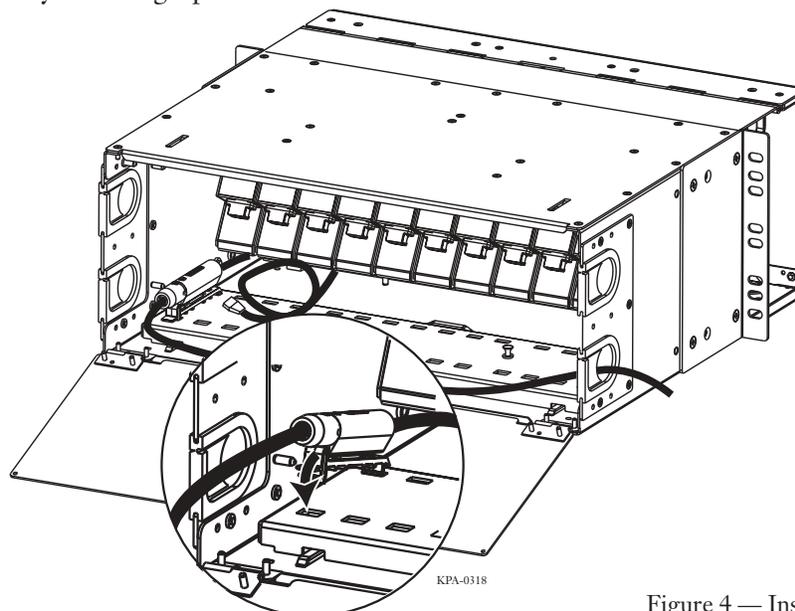


Figure 4 — Install the Furcation Plugs

- Step 4** Clean the connector end-faces and appropriate adapters using standard company practices before mating.
- Step 5** If installing the plug in the base of the housing (Figure 5), route the MTP® pigtail under the modules, making a slack loop to the side of the plug. Do NOT violate the minimum bend radius for the cable type. Insert the connector into the adapter in the first module, using the lower adapter of a 24-fiber module for the plugs in the base of the housing.

IMPORTANT: *Route the pigtail slack of the last two plugs at the right end of the plate in the base of the housing to the left to avoid bending the fiber too sharply against the side of the housing.*

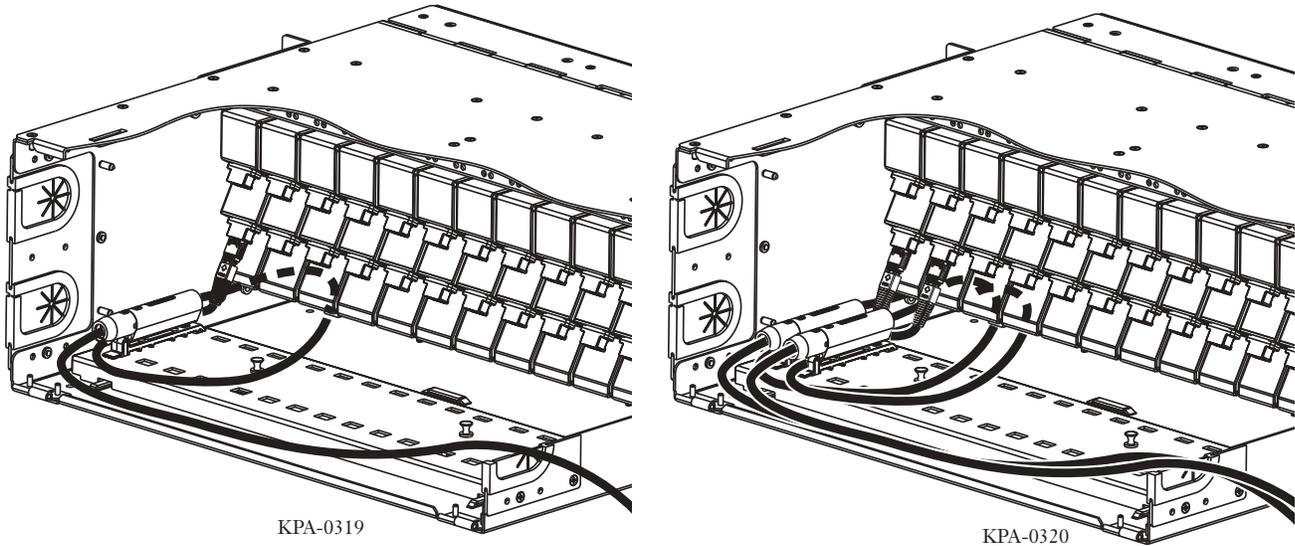


Figure 5 — Route Pigtail Slack and Mate Connector in Adapter

- Step 6** If installing the plug in the ceiling of the housing, make a vertical loop of the MTP pigtail slack (Figure 6). Insert the connector into the adapter in the first module, using the upper adapter of a 24-fiber module for the pigtails coming from the ceiling of the housing.

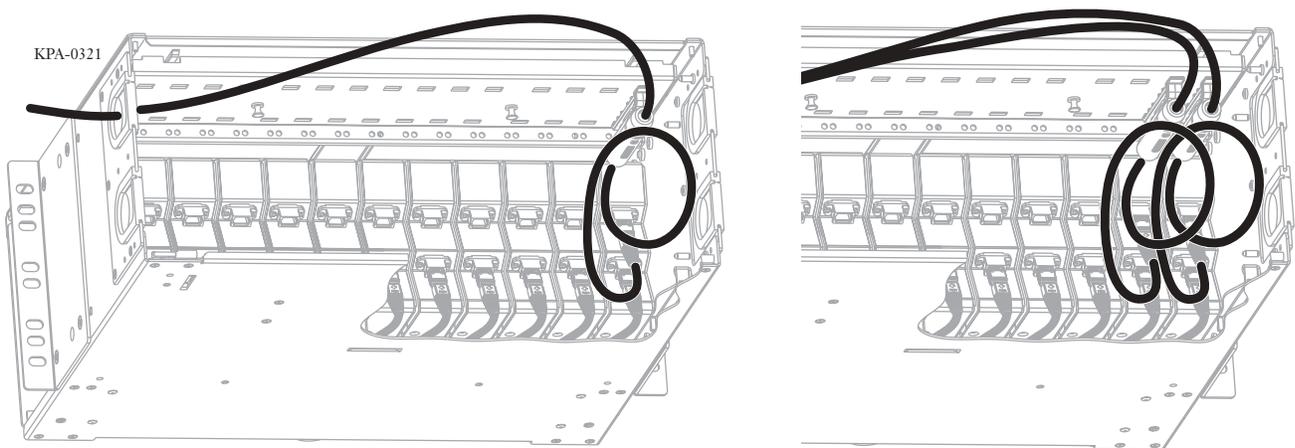


Figure 6 — Install Furcation Plugs in Ceiling Clip Plate

- Step 7** Repeat this section until all the required plugs have been installed.
- Step 8** Identify each connection on the label on the pullout plate on the front of the housing.

6. SECURING THE HOUSING

Close the rear door of the housing and secure with the latch or optional lock.

7. MAINTENANCE

The unit requires very little maintenance to make sure fibers and parts remain in good condition. Components should be checked periodically for the following:

- Metal components may be cleaned occasionally with a damp, nonabrasive cloth.
- Check fiber optic cable to make sure bends do not exceed the minimum bend radius. Check cable for unnecessary strain. Check cable entries and exits for crimping or crushing and for damage.
- Check unit record labels to make sure all are clear and accurate.