

CORNING

EDGE8® MTP® Adapter Panels

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Issue 2

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006-407-QSG-AEN	Field Tool for MTP™ PRO Connectors Quick Start Guide

1. Carton Contents

EDGE8® MTP® connector panel (Figure 1)

2. Installation

The MTP adapter panel comes in configurations to support both single-mode (SM) and multimode (MM) applications. Adapters have been clearly labeled identifying port (1, 2, 3, etc.). Each tray within the housing will support a maximum of six MTP panels.

Adapter panels may be installed from the front or back of the EDGE8 housing. During the initial installation, it is recommended to install all panels and all trunk cables into the panels from the rear of the housing. Install panels and trunk cables tray by tray, starting with Tray 1, slot A. Additional panels and trunks should be installed with the same recommendations always working from right to left and bottom to top as seen from the rear of the housing.

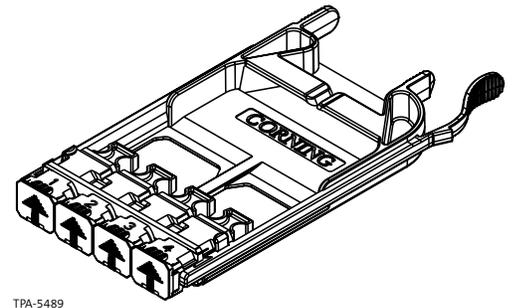


Figure 1



CAUTION: Previously installed panels not fully populated during initial installation with a harness, jumper, or trunk connected on the front side of the MTP adapter panel will require slack from the front in order to be removed from the rear of the housing and install additional trunks. Installer **MUST** obtain slack in the fiber connected to the panels on the front. Without slack, tension in the jumpers will result in pulling on fiber legs with potentially disrupted service, specifically if disconnect is required.

2.1 Connecting MTP® Trunk Cable to Rear of MTP Adapter Panel — Initial Mating

Step 1: With the trunk cables securely installed in the housing, remove the dust caps from the MTP trunk connector legs and MTP adapter panel (only on the rear side of the adapter panel) by pulling on the dust cap while holding the connector body/housing/shroud. (Figure 2A). For the initial mating, do not clean or scope connectors. With Corning CleanAdvantage®, connectors are shipped with an

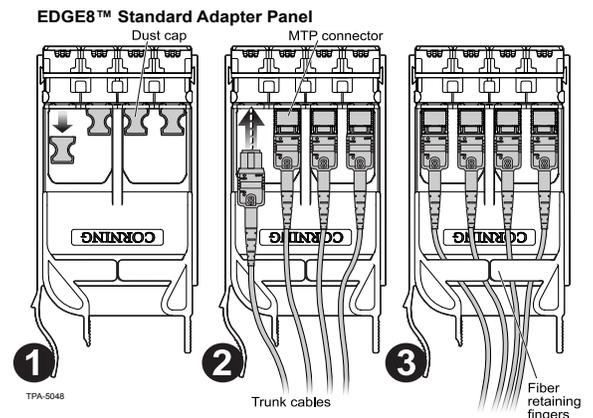


Figure 2

optimized dust cap to maintain cleanliness for the first use. Keep dust caps in place on the front of the adapter panel, if applicable.

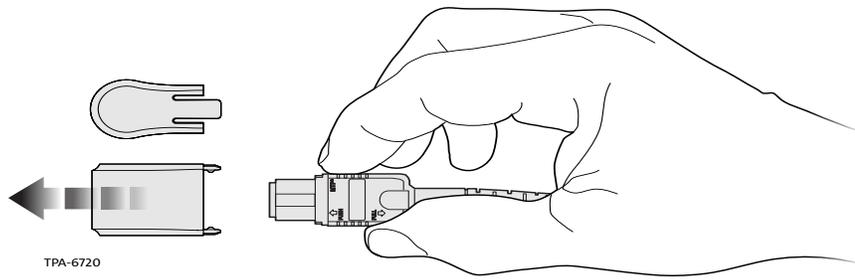


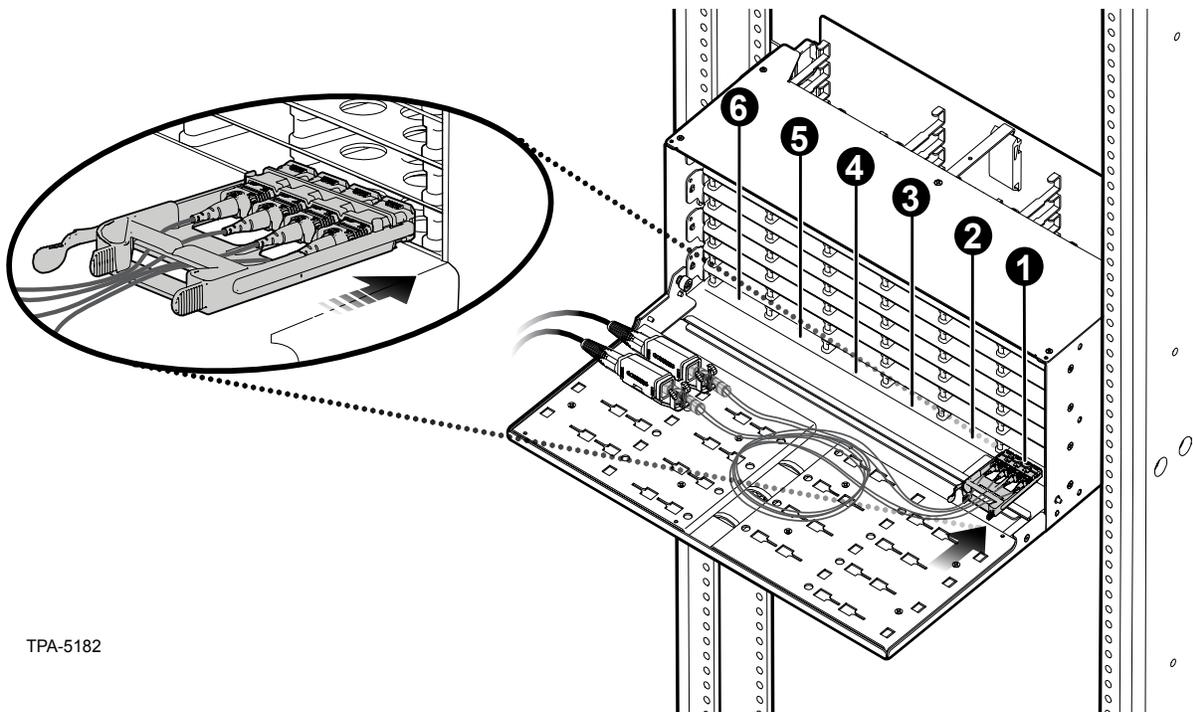
Figure 2A



CAUTION: Scoping Corning CleanAdvantage connectors increases the risk of adding contamination to the system. CleanAdvantage technology is designed for mating connectors without cleaning or scoping before the initial installation.

- Step 2:** Mate the MTP connector(s) into the rear of the adapter(s) (Figure 3).
- Step 3:** Repeat for the remaining adapters and connectors for a single panel. For each panel, group trunk legs and place them in the fiber retaining fingers. Be careful not to pinch or kink trunk legs when placing them in the fiber retaining fingers.
- Step 4:** With a panel fully populated, insert panel from the rear until it locks into place (Figure 3). Repeat for all panels.
- Step 5:** Loosely capture fiber slack with hook-and-loop straps in the rear of the housing in the same manner as illustrated in Figure 3.

Figure 3



2.2 Connecting Harnesses, MTP Jumper, MTP Conversion Harnesses, or Extender Trunk to the front of the MTP Adapter Panels — Initial Mating

Step 1: Open housing front door.



CAUTION: Do not exert excessive force on the panel. Damage to the trunk cables may occur.

Step 2: Remove the dustcaps from the front of the MTP adapter in the panel, if applicable, and the MTP connector of the harness, jumper, or trunk by pulling on the dustcap while holding the connector body/housing/shroud. (See page 2, Figure 2A). For the initial mating, do not clean or scope connectors. With Corning CleanAdvantage®, connectors are shipped with an optimized dust cap to maintain cleanliness for the first use.

Step 3: Mate the connectors in the adapters (Figure 4). If MTP adapter is equipped with shutter, lower the shutter first, then mate the connectors.



CAUTION: Scoping Corning CleanAdvantage connectors increases the risk of adding contamination to the system. CleanAdvantage technology is designed for mating connectors without cleaning or scoping before the initial installation.

Step 4: Route the connected cable either to the right or to the left of the housing. All cables should route in the same direction. Do NOT cross cables in opposite directions. Store the cables or legs in the fiber clips at the front of the tray.

Figure 4

