

Figure 1

1. INTRODUCTION

LIGHTRAY MPX Dummy Connectors 1374104-3 (singlemode) and 1374104-4 (multimode) are installed into backplane housings and system card housings. The dummy connector takes the place of a terminated LIGHTRAY MPX connector until the connector is installed to protect fiber ends from dust and damage. In addition, by mating to an opposing connector, the dummy connector prevents release of laser radiation from energized fibers.

No tools are required to install the dummy connector.

Reasons for reissue of this instruction sheet are provided in Section 5, REVISION SUMMARY.

2. DESCRIPTION (See Figure 1)

The dummy connector features a chicklet end designed to mate with LIGHTRAY MPX connectors with or without pins, or another dummy connector. The dummy connector is marked with a white stripe for proper orientation with the housing. The latch ensures full engagement with the housing and opposing connector.

IMPORTANT: DO NOT interchange any components from the dummy connector with any components from the LIGHTRAY MPX cleaning kit used with the connectors.

3. INSTALLATION

1. Refer to Figure 1, and make sure that the appropriate dummy connector (singlemode or multimode) has been chosen for the application.

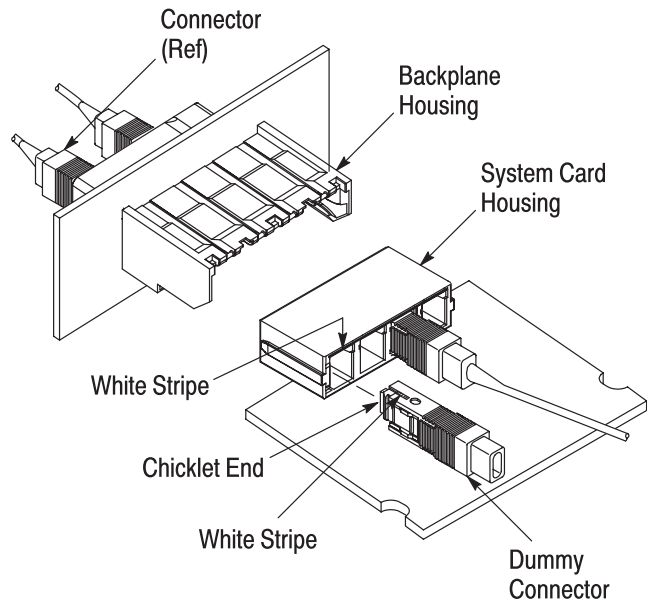
2. If mated, remove the system card housing from the backplane housing.



To avoid personal injury, NEVER look into the end of a terminated or unterminated fiber. Laser radiation is invisible but can damage eye tissue.

3. If the dummy connector is being used to replace a connector in the housing, remove the connector from the housing. Install a dust cover onto the connector, and store in a safe place.

4. Align the white stripe on the dummy connector with the white stripe on the housing, and insert the dummy connector (chicklet end first) into the empty cavity of the housing until the latch of dummy connector engages the housing. Refer to Figure 2.



Note: Illustration shows installation of dummy connector into system card housing.

Figure 2

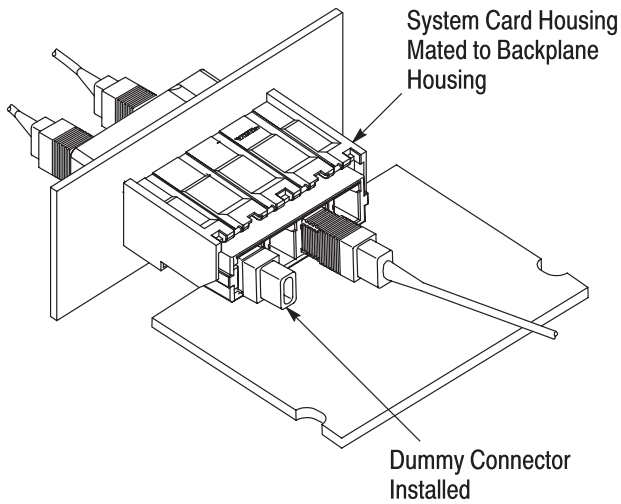
5. Make sure that the opposing cavity (from the dummy connector) contains a connector or dummy connector, then mate the system card housing to the backplane housing. Refer to Figure 3. If the opposing cavity does not contain a connector or dummy connector, the dummy connector will eject.



NOTE All other opposing cavities must both contain a connector or dummy connector, or must both be empty.



CAUTION To avoid damage to fibers, make sure that fibers are always covered.



Note: Illustration shows installation of dummy connector into system card housing.

Figure 3

4. REMOVAL

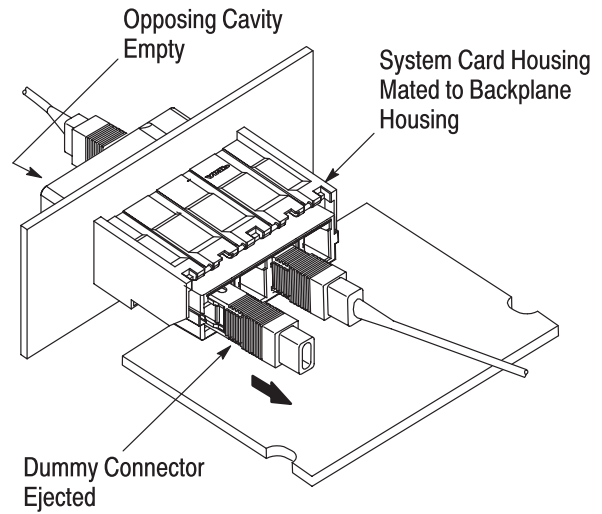
If the dummy connector protrudes from the housing (as shown in Figure 3), remove the dummy connector by grasping it and pulling it out of the housing.



DANGER To avoid personal injury, NEVER look into the end of a terminated or unterminated fiber. Laser radiation is invisible but can damage eye tissue.

If the dummy connector does not protrude from the housing, remove the dummy connector as follows:

1. Remove the system card housing from the backplane housing.
2. Mate a housing with an empty opposing cavity (from the dummy connector) to the mating housing. The dummy connector will eject. See Figure 4.



Note: Illustration shows removal of dummy connector from system card housing.

Figure 4

5. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated document to corporate requirements