FlexBET™ MULTIPLEXING PANEL ASSEMBLY

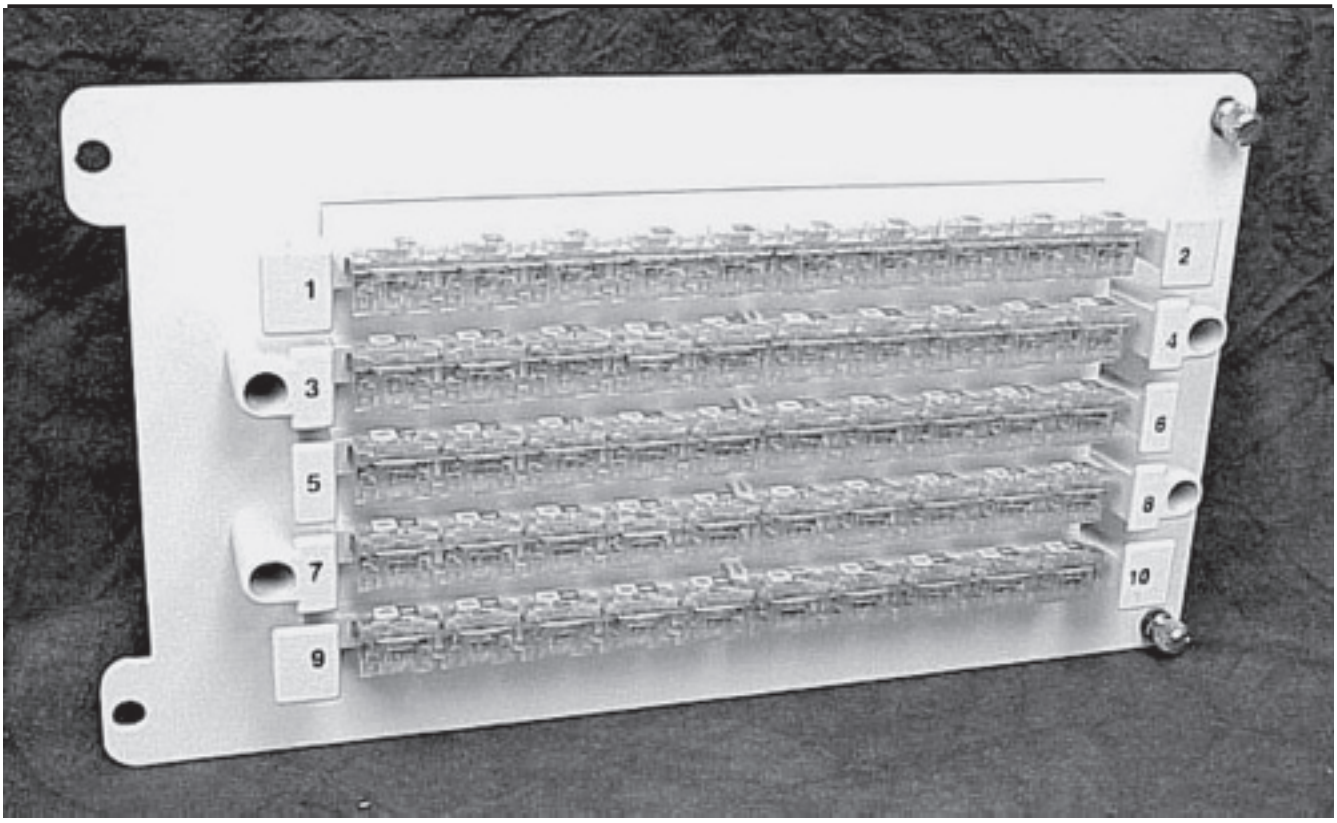

Figure 1—FlexBET™ Multiplexing Panel Assembly

1. General

1.1 This instruction describes the installation of the Multiplexing (MUX) Panel Assembly manufactured by Siecor into a Siecor FlexBET™ unit.

1.2 Should this document be reissued, the reason will appear in this paragraph.

2. Description

The FlexBET™ MUX panel assembly is a multiplexing modular panel that can be used to combine multiple inside wires into one pair. The MUX panel assembly is used to upgrade existing FlexBET™ unit installations that are not equipped with a cross-connect layer. The MUX block consists of ten series of five Insulation Displacement Contact (IDC) connector strips, each series being electrically joined, thus providing four output pairs for each input pair.

3. Installer Precaution

⚠ WARNING: *Do not install this unit or work with telephone wiring during a lightning storm. Telephone lines can carry high voltages from lightning which can cause electric shock resulting in severe Injury or death.*

4. Installation

4.1 Remove packaging materials from the MUX panel assembly. Slide the panel into position on the BET layer as shown in Figure 2. Secure the panel by tightening the screws provided.

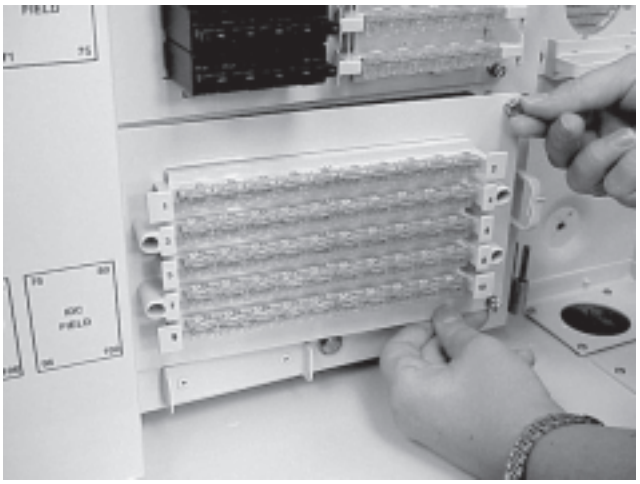

Figure 2 — Install MUX Panel Assembly

4.2 To use the MUX block, route one wire from the front of the IDC block on the protector block assembly to one of the series of five IDC strips on the MUX block (Figure 3).

4.3 Terminate the wire in the position farthest to the left as shown in Figure 3. The remaining positions may be used to common internal wires on the same line (Figure 4).

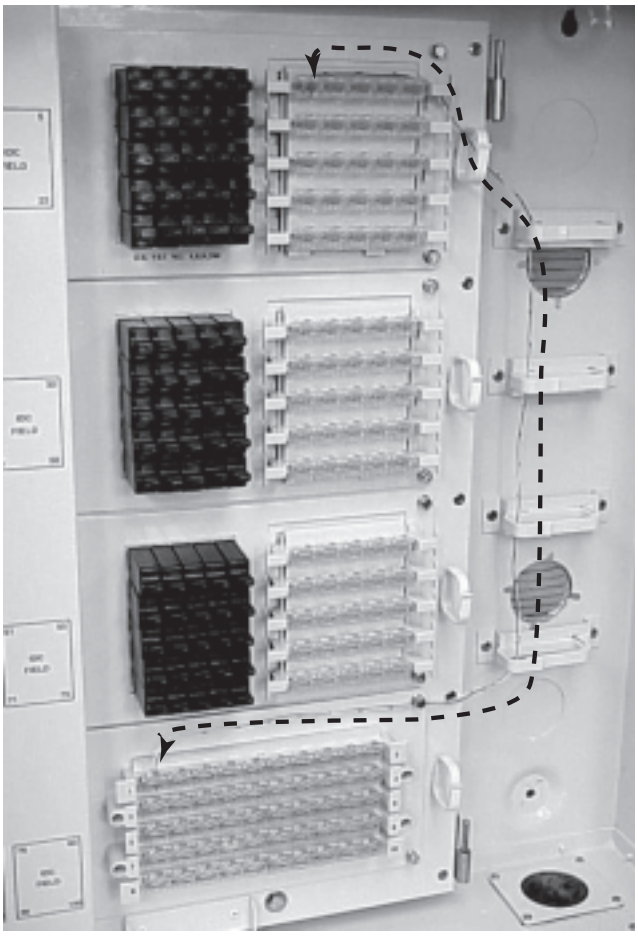

Figure 3 — Route Wire

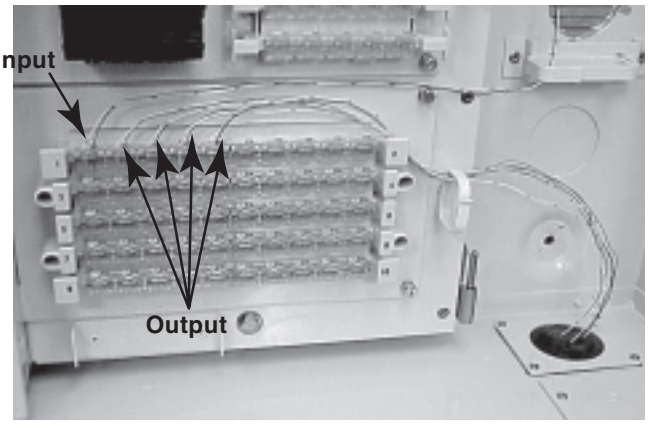

Figure 4 — Common Internal Wires

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