

# Installation Instructions

## MODEL NUMBERS: A0222-RF



- (1) This enclosure is a passive termination/distribution point designed for distribution of low voltage cabling only.
- (2) The raised/access flooring must be installed prior to the installation of this enclosure. This enclosure is designed to be installed within the stringer grid of the raised floor in accordance with local codes and regulations.

*Note: These units require fire rated cable penetration foam kits (included). These kits are designed for simple (in the field) installation. Installation instructions are included as Exhibit "A" incorporated in these instructions.*

#### ■ Assembly Components

- 1 ea. - Raised Floor Enclosure
- 4 ea. - Cable Entry Port Covers
- 1 ea. - Plenum Rated Foam Kit (Foam Kit #5)
- Installation Instructions

#### ■ Installation Tools and Supplies to be provided by Installer

1. Suction cup or other floor tile removal tool
2. Open end wrenches (7/16" & 1/2")
3. Screw drivers flathead / Phillips head
4. Phillips #2 to install patch panels



### STEP 1

#### Opening the Shipping Box and Removal of the Raised Floor Enclosure

- Prepare a location for the raised floor enclosure to be positioned for inspection after removal from the shipping container. Remove the raised floor enclosure from the shipping container. Be sure you have the appropriate enclosure for the depth of access floor.

**Make sure to remove all necessary mounting accessories before discarding boxes. These would include fire-rated foam kits.**

### STEP 2

#### Locating Enclosure Placement

- Select the location of the installation and remove all obstacles that would interfere with the installation. The A0222-RF floor enclosure is designed for use directly on a concrete floor beneath a raised floor with limited room beneath.

### STEP 3

#### Floor Tile Removal

- First remove the floor tile from the location specified for installation of the raised floor enclosure. Now remove the 4 tiles adjacent to the space allocated for the installation. The section of floor without tiles should now look like a "+". In new construction the floor tiles would not be in place yet.

### STEP 4

#### Stringer Removal, if applicable

- Remove four of the stringers that go between the tile support stanchions or pedestals. Set them aside. They will be replaced once the enclosure is placed under the level of the stringer system.

### STEP 5

#### Install Enclosure

- Place the enclosure on the floor.

### STEP 6

#### Install Cables

- With the enclosure in place and supported, install the cables. Secure cables with Saf-T-Grip® Cable Management Straps (P/N 02006-201)

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### **STEP 7**

#### **Terminate Cables**

- Prepare all cable ends and terminate according to equipment manufacturer's specifications.

### **STEP 8**

#### **Install Patch Panels**

- Attach patch panels with #12-24 equipment mounting screws (P/N 40605-001)

### **STEP 9**

#### **Dress Cables**

- Dress cables slack with Saf-T-Grip® Cable Management Straps (P/N 02006-201)

### **STEP 10**

#### **Install Foam Penetration Kits (See Exhibit "A")**

### **STEP 11**

#### **Replace Stringers, if applicable**

- Replace the stringers that go between the tile support stanchions or pedestals.



### **Exhibit " A "**

#### **Installation instructions for Installing Fire Penetration Kits**

*These kits are used to seal the unit with Fire Penetration Foam around installed access cables into the Raised Floor Enclosure.*

1. Remove the top plate from the first penetration to be cabled.
2. Sort and comb your cables for smooth and straight access through the penetration.
3. Lift the cables and place two layers of foam underneath the cables.
4. Place cables and space so you can insert strips of foam between them firmly to create a seal. Cut foam strips at least 3/8" width to be placed between the cables.
5. Put down a layer of foam and repeat the process until all cables are beaded between layers of foam.
6. Take the remainder of the foam and fill the void to the top of the penetration and compress down with the top plate. Be careful not to bind cables in excess of cable manufacturers specifications. Cables are installed.

*Installation hint: We suggest you stagger the cables in their layers to give a better seal. Example: 1st row - 4 cables / 2nd row - 5 cables / 3rd row - 6 cables / 4th row - 5 cables / 5th row - 6 cables and so on.*

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