

MIIM FIBER PANEL INSTALLATION INSTRUCTIONS

1.0 INSTALLATION INSTRUCTIONS

This instruction sheet provides installation procedures for MIIM LC Fiber Panels. MIIM LC Fiber Panels are intended for installation in TIA/EIA-568 standard 483 mm (19") equipment racks or communication cabinets. The following installation instructions are the same for the RFR-00300 Single Mode fiber panel and the RFR-00301 Multimode fiber panel.

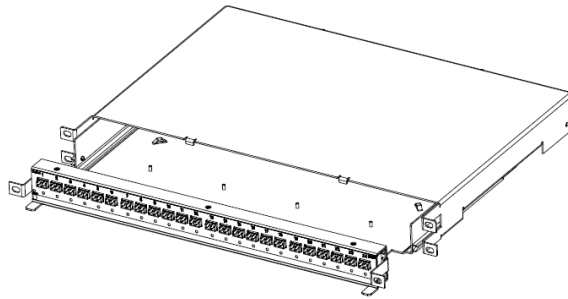


Figure 1 - Fiber panel

2.0 PROCEDURE

GENERAL REQUIREMENTS

Required tools for assembly include screwdrivers to mount the RFR panel to the rack and to attach the cable management spools to the fiber panel.

ASSEMBLY INSTRUCTIONS

1. Choose installation position within the cabinet or open frame rack and attach panel with the appropriate screws included with the hardware accessory kit.
2. Install communication bus cable through the appropriate hole at the rear of the panel and attach to the RJ-45 port shown in Figures 2 and 3.

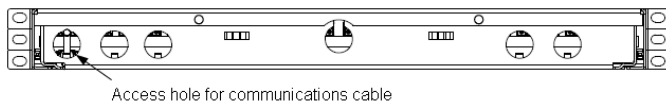


Figure 2 - Rear view of the RFR panel

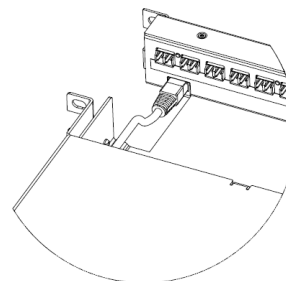


Figure 3 -

Communication cable attached

to the RJ45 communication port

3. Assemble and insert cable management spools as shown in Figure 4. Cable management spools are included with the hardware accessory kit supplied with the panel.

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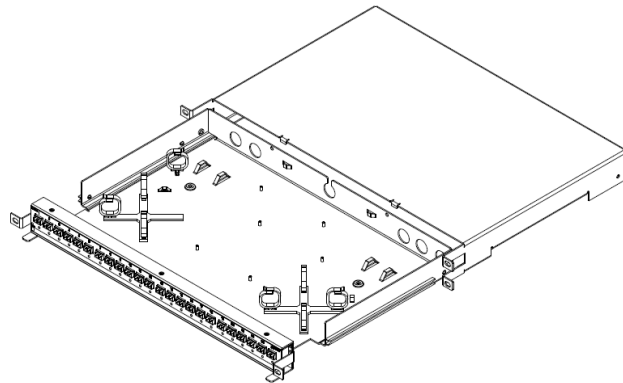


Figure 4 - Assembly of cable management spools

4. Install cable gland in the appropriate holes at the rear of the panel and blanking plugs in any unused holes.
5. Feed cable into gland and panel with sufficient slack for a “swan neck” to allow panel or tray to be worked on. Mark the cable jacket for stripping. The jacket should be removed approximately 40mm from the cable gland fixing. Secure cable jacket at the tie down points using cable ties.
6. Secure aramid yarn with the Kevlar retention clamp. Refer to Figure 5.
 - a. Note: the RFR-00300 and 00301 accept up to two Kevlar retention clamps. One clamp is included in the accessory kit; additional clamps may be ordered separately (p/n KFR-00034).

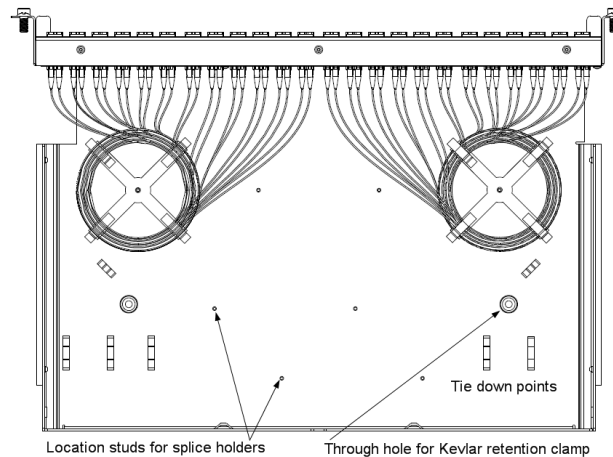


Figure 5 - Top view of RFR panel

1. Install the fiber connector terminations according to the manufacturer’s instructions.
2. If the splice option is used, location studs for 2 x fusion splice holders (p/n AFR-00190) can be found at the back of the tray. Refer to Figure 5.
3. Splice fibers, secure in holders and label.

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