Applications
Engineering Note

Issue Date: 06 June 2013

LightLink LANSystem™ 1RU and 2RU Termination Patch/Spice Panels
Splice Tray Selection

Design changes to the LightLink LANSystem™ 1RU and 2RU Termination Patch/Spice Panels initiated in 2009 and fully implemented in 2010 affected the way splice trays are mounted into the panel. The addition retaining pin required a redesign of the splice trays offered with the LightLink LANSystem™ 1RU and 2RU Termination Patch/Spice Panels.

By looking inside the panel at the tray assembly, the presence of two retaining pins will signify that it is the current LightLink LANSystem™ 1RU or 2RU Termination Patch/Spice Panel. In order to accommodate the addition of these retaining pins a metal splice tray was developed with two mounting holes. This design modification allows the splice tray(s) to be securely positioned within the 1RU and 2RU Termination Patch/Spice Panels.
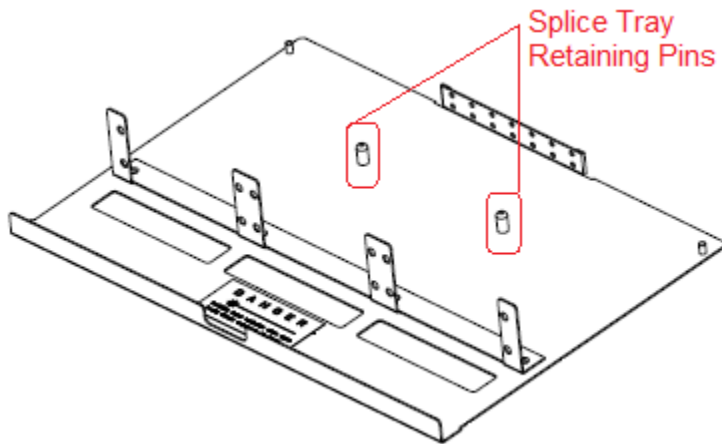

Figure 1: Current LightLink LANSystem™ 1RU and 2RU Termination Patch/Spice Panels Tray Assembly
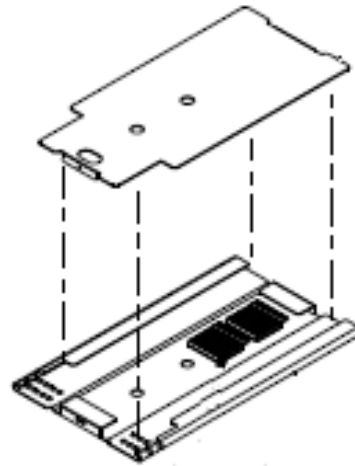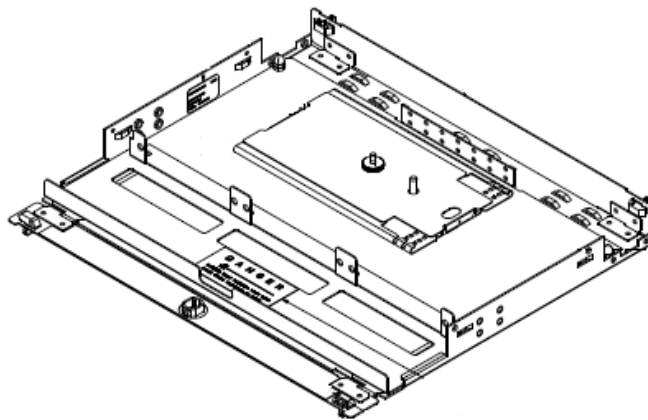
Figure 2: Current Metal Splice Tray with Mounting Holes

Figure 3: Current Metal Splice Tray Mounted into LightLink LANSystem™ 1RU and 2RU Termination Patch/Spice Panels

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The FM002826-XX and FM002827-XX metal splice trays were developed to function as a universal splice tray solution within the LightLink LANSystem™ 1RU or 2RU Termination Patch/Spice Panels and the Wall Mount Interconnect Enclosures.

The following tables outline the capacity associated with each of the FM002826-XX and FM002827-XX options.

LightLink LANSystem™ 1RU Termination Patch/Spice Panel

FM002826-1	Splice Tray Kit: 12 Fiber, 1RU Patch Panels, Standard Density
FM002826-2	Splice Tray Kit: 12 Fiber, 1RU Patch Panels, High Density
FM002826-1R	Splice Tray Kit: 12 Fiber, 1RU Patch Panels, Standard Density Ribbon
FM002826-2R	Splice Tray Kit: 12 Fiber, 1RU Patch Panels, High Density Ribbon

LightLink LANSystem™ 1RU Termination Patch/Spice Panel

FM002827-1	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 1 Splice Tray
FM002827-2	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 2 Splice Tray
FM002827-3	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 3 Splice Tray
FM002827-4	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 4 Splice Tray
FM002827-1R	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 1 Ribbon Splice Tray
FM002827-2R	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 2 Ribbon Splice Tray
FM002827-3R	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 3 Ribbon Splice Tray
FM002827-4R	Splice Tray Kit: 12 Fiber, 2RU Patch Panels, WME02, WME04, 4 Ribbon Splice Tray

The FM002826-XX and FM002827-XX splice trays are backwards compatible with previous versions of the LightLink LANSystem™ 1RU and 2RU panels.

Installation Recommendations:
When installing the FM002826-XX or FM002827-XX splice trays into a previous LightLink LANSystem™ 1RU or 2RU panels, that do not include the retaining pins, it is our recommendation that double-sided Velcro tape and/or Velcro straps be utilized for the mounting process. It must be noted that AFL does not offer a dedicated kit for this installation.
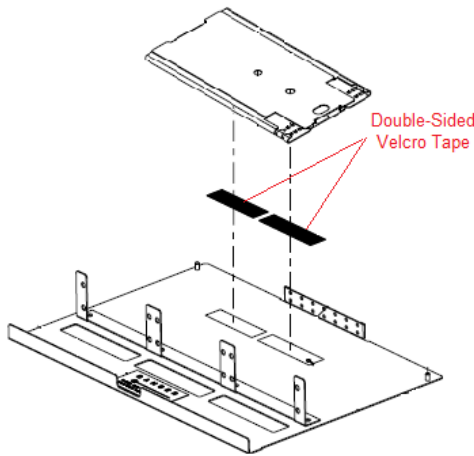

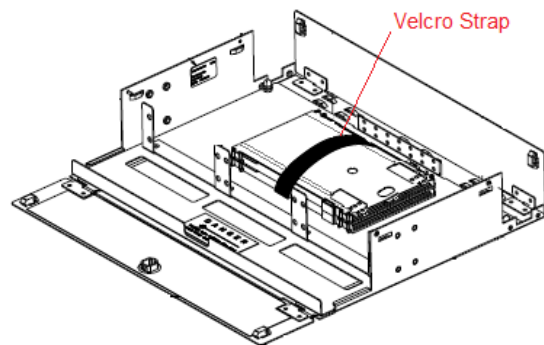Figure 4: Metal Splice Tray Mounted Utilizing Double-Sided Velcro Tape

Figure 5: Multiple Metal Splice Trays Mounted Utilizing both Double-Sided Velcro Tape and Velcro Straps