![Signamax Connectivity Systems - An AESP Company logo]

SL2M-B   1U/Sliding-Tray Fiber Optic Panel
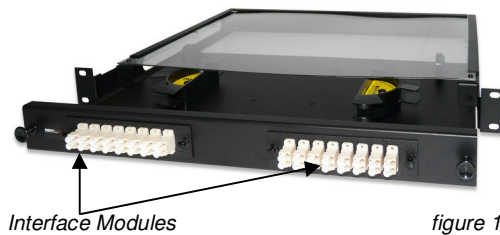
Section 1
Introduction

Signamax Connectivity Systems single rack-space fiber optic panel provides a simple approach to managing rack-terminated fiber optic cables, in an easy to install & access single-unit panel. The panel uses a slide-out tray design, with a plexi-glass top cover for ease of inspection and access. Slack cables are stored within the tray, and the space between cable spools provides mounting provisions for splice trays, which can be ordered separately.

1.1 Connector Interface Modules

Connector interface modules can be ordered in ST, SC, SC Duplex, MT-RJ.and LC interfaces through an authorized Signamax Connectivity Systems Distributor. (Order separately). Modules install easily from the panel front, with push/pull latch retainers, that are integral to all interface modules.

Section 2
Mounting the Panel

Mount the patch panel in a rack or enclosure, using the 10-32 screws, provided. Although routing the cables into the panel, once mounted in the rack, is simple, greater access to the tray can be obtained by removing the plexi top cover, by removing the two front screws Shown in Figures 2 & 3. You'll also want to remove the protective film on the cover, in-place during shipping, to protect the panel cover during installation. Be sure when mounting the panel frame, that the mounting flanges are adjusted outward enough relative to the mounting screws, so that the sliding tray moves freely in and out of the frame. After cabling the panel, the plexi-cover can be slid back into the frame, and the two screws reinstalled. Once installed in rack, you can begin to route the cables into the panel and secure them to the panel tray. The tray is designed to enable the cables to slide forward and back, when the tray is slid out of the frame.
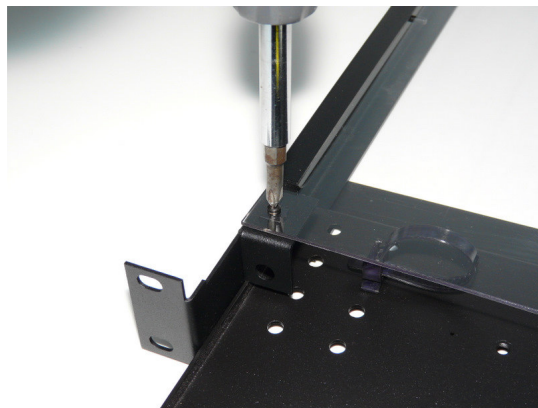

Interface Modules   figure 1

figure 2

figure 3

SL2M-B 02052009

Section 3
Cabling the Panel

Bring the bundle of jacketed fiber cables into either the left or right of the enclosure, through the cable retainer, and pull the clamp-tab to secure the cable bundle. Two clamps are in-place, mounted to the tray, and two additional clamps are supplied for additional clamping that you might wish to do, when cabling to the panel-tray. There is a series of through-holes in the panel-tray for mounting the clamps to the tray.

figure 4

3.1 Routing the Cables

Route the cables into the box, through either of the oblong slots in either side of the panel frame. Using the cable clamps shown in Figure 4, be sure cable bundles are properly secured. Use the slack-cable spools in the center of the tray for storing additional cable lengths. Note that an additional set of screw mounts are included in the tray-base, to be used if mounting the cable spools further rearward in the tray is desired. After terminations are made, make the necessary connections to the appropriate connector in the interface module. If splicing is being used, a splice tray specifically designed for use in the SL2M-B is available. Section 4 deals specifically with using splice trays.

Section 4
Using Other Cabling Accessories

If splicing is being done in the panel, Signamax offers a specific splice tray for this panel that can be ordered, separately. It is Signamax p/n FST-2M-B (Figure 5). The panel will accommodate up to 2 splice trays per panel. Each splice tray accommodates up to 12 splices, and includes a pressure-sensitive pad for mounting the splices. Splice trays are screw-mounted, either individually or in a group of two trays, with mounting screws provided with each tray. The splice tray is mounted in line with the cable management . spool, and can be mounted in both forward and rear-tray mounting positions. Contact Signamax at 800-446-2377 for product & accessory details.
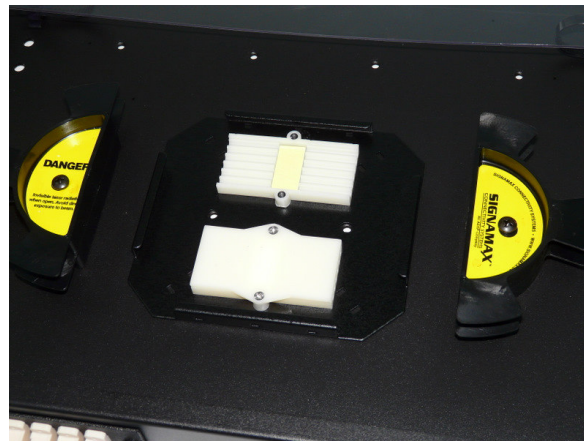

figure 5
Up to 12 splices/tray,
2-trays per panel (24 splices).

INSTALLATION INSTRUCTIONS

SL2M-B 02052009