SD-4U-SPLICE PANEL

Product Description

The SD-4U-Splice Panel is a 19-inch rack-mount panel for terminating and splicing Outside Plant (OSP) cables or Infra Facility Cables (IFC). Each panel accomodates 1728 fibers in 6 C-size splice trays. Each splice tray holds 4 splice modules, providing 288 mass fusion splices (12 fiber ribbon x 24 splices).

Accessories listed at right must be ordered separately .

PARTS LIST	
DESCRIPTION	QUANTITY
SD-4U SPLICE PANEL	1
RACK SCREW	4

TOOLS REQUIRED	
DESCRIPTION	QUANTITY
PHILLIPS #2 SCREWDRIVER	1
SNIPS	1

ACCESSORIES	
DESCRIPTION	QUANTITY
TIE WRAPS	15
CABLE CLAMP	1
MESH TUBING	200 FT.
FOST-ACC-C-TRAY -RIBN-24 SPLICE TRAY	6

1 **Install Panel as follows:** (a) mount panel on frame; (b) remove ALL transportation screws and tape from panel; (c) mount input and output cables on frame at adjacent location using cable clamp of customer choice (order separately); see Step 2 breakout diagram.

CABLE CLAMP

c

BREAKOUT

MESH

b

a

b

TRANSPORTATION SCREW

LEFT REAR ENTRY EXAMPLE

2 **Break Out Input and Output Cables as follows.**
Break out the cables per the diagram below, fitting the sub-units with mesh tubing as indicated. Route each sub-unit "bundle" into either back corner of the panel as shown in Step 3. Secure the mesh tubing with tie wraps and felt tape in the location shown.

NOTE: Sections shown are diagrammatic, not proportional.

BREAKOUT LENGTH 126 IN. (320.04 CM)

POSITIONAL (ADDITIONAL MESH LENGTH TO BREAKOUT)

100 IN. (254.0 CM)

26 IN. (66.0 CM)

CABLE

CABLE CLAMP (SEE STEP 1)

TIE POINT ON PANEL

MESH TUBING

BARE FIBER

LEFT REAR ENTRY   **RIGHT REAR ENTRY**

3 **Install Cable as follows:** (a) remove back cover (unscrew knob to release it); (b) route cable bundles to the rear of the panel; secure on cable mount using cable tie and felt tape; (c) bring bundles forward to the panel front; (d) unpack splice tray and identify components; (e) route bundles to splice tray for splicing on nearby table; (f) splice as shown; see Note below.

NOTE: These steps give a pictorial overview. For complete instructions, refer to CommScope document provided with splice tray.

BACK COVER

a

UNSCREW KNOBS TO RELEASE

d

SPLICE TRAY WITH COVER

SPLICE MODULES

FELT TAPE

TIE WRAPS

26323-A

e

f

c

b

LEFT REAR ENTRY EXAMPLE

TIE WRAP

FELT TAPE

PANEL SIDE WALLS NOT SHOWN

TIE WRAP

FELT TAPE

OVERHEAD VIEW (ONE BUNDLE)
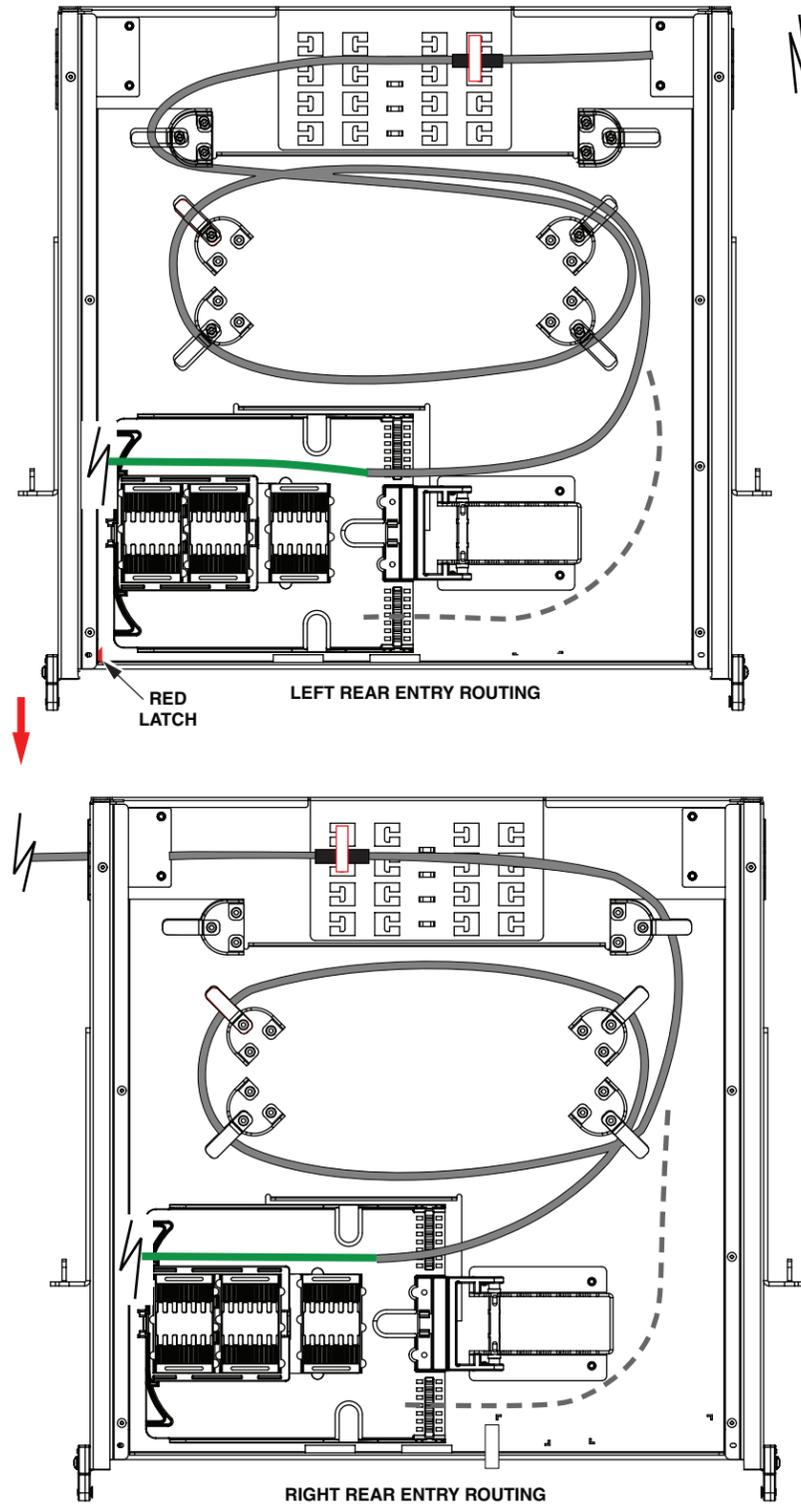
FELT TAPE & TIE WRAP

FELT TAPE & TIE WRAP

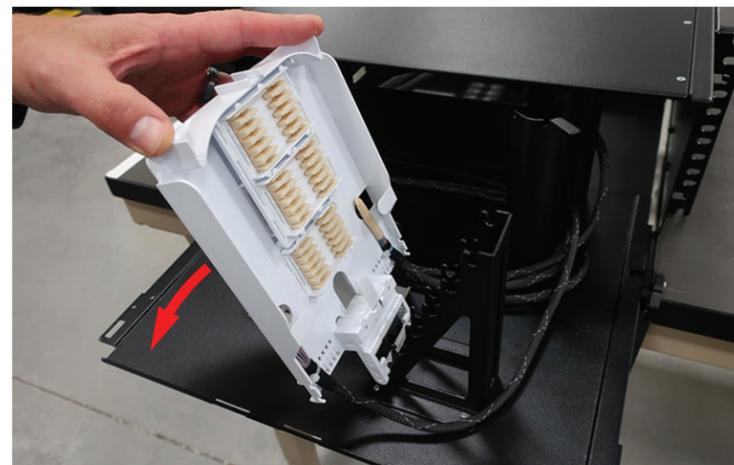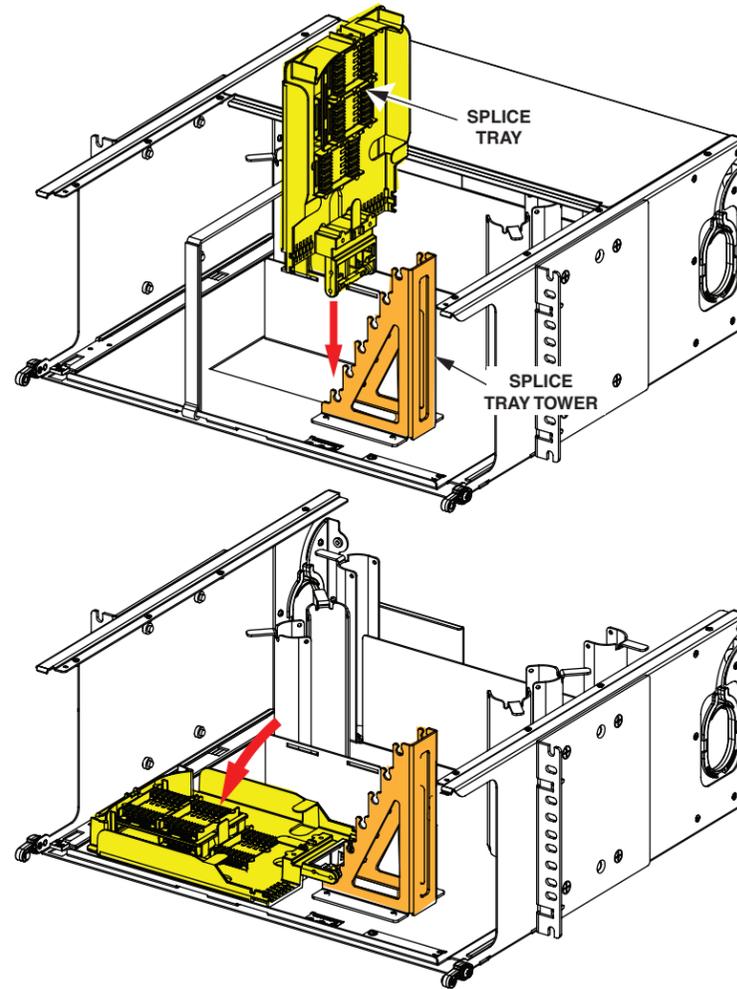**4** **Wind splice tray and attached bundles back into the panel, looping the bundles within the panel as shown.**

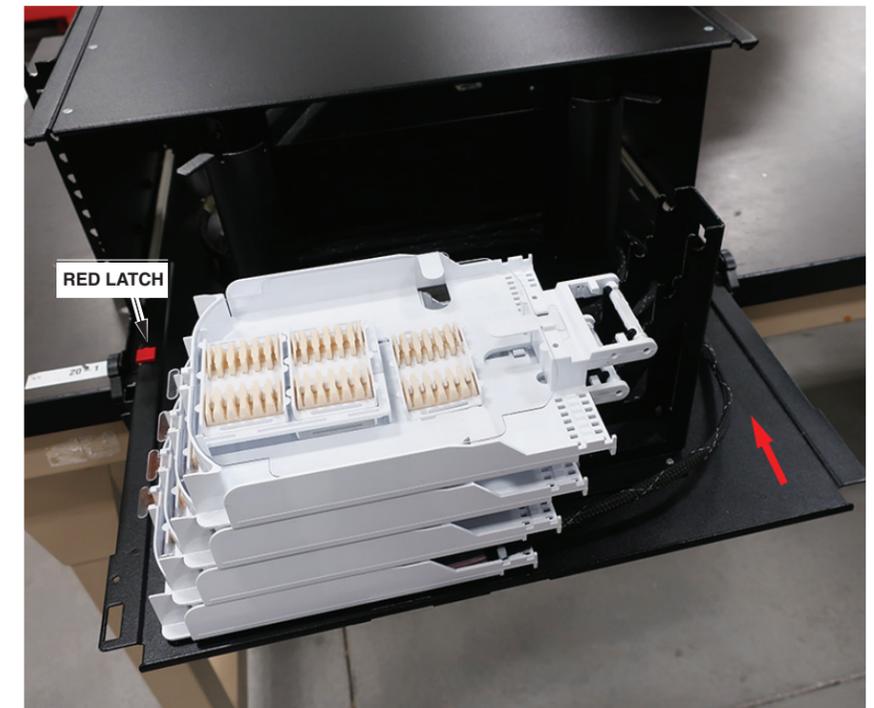NOTE: Press on the red latch to pull out the work tray on the front of the panel as shown.

RED LATCH

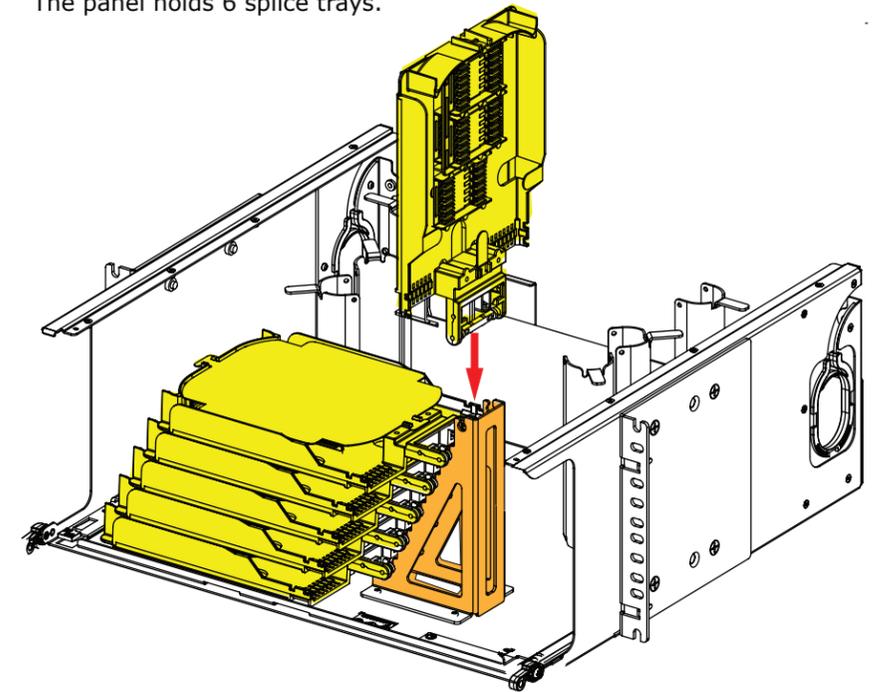**LEFT REAR ENTRY ROUTING**

RIGHT REAR ENTRY ROUTING

5 **Install first loaded splice tray into panel.**

NOTE: For clarity, splice trays are shown without fiber in these views.

Position the splice tray as shown at a right angle to the bottom hinge on the splice tray deck. Insert the leading edge of the splice tray into the tower and then rotate the tray 90 degrees to place it flat onto the bottom of the panel.

SPLICE TRAY

SPLICE TRAY TOWER

6 **Continue adding cables and splice trays as needed.**
Install them within the splice panel as shown from bottom to top. The panel holds 6 splice trays.

RED LATCH

7 **Release red latch (see above) and slide shelf with splice trays back into panel. Dress cables in an orderly manner. Close panel doors.**

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