

LP-FGXX Galaxy™ Series Optical Distribution Frame. USER MANUAL

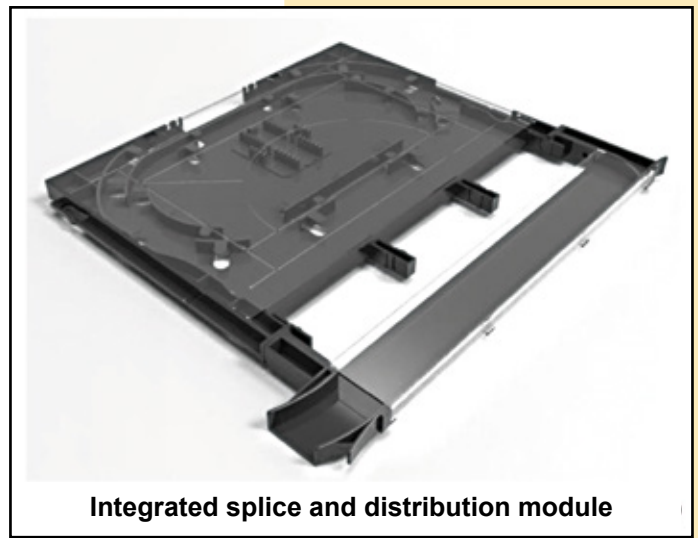
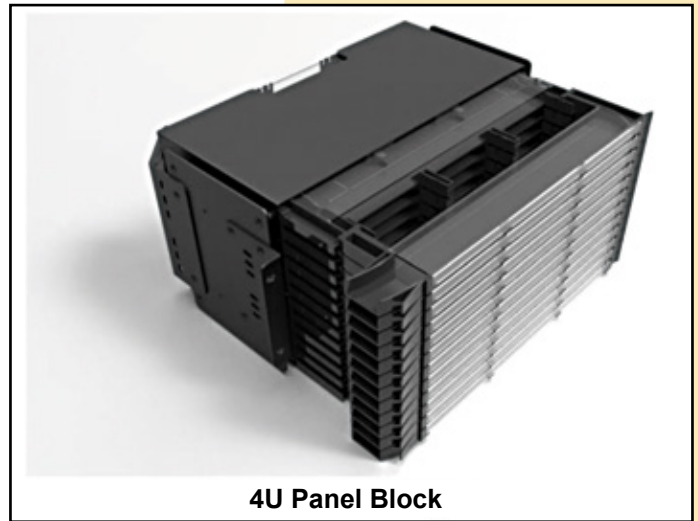
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**GALAXY™****Galaxy™ Series:**

A **LanPro** high density ODF solution. A Perfect solution for FTTX, GPON and Datacenter Applications.

Galaxy™ Series is a semi-custom advanced pull-out high density ODF system that allows to gather over 2000+ connections in a single 19" cabinet. Provides in a compact format, the management, storage, splicing and termination of different styles of fiber cables.



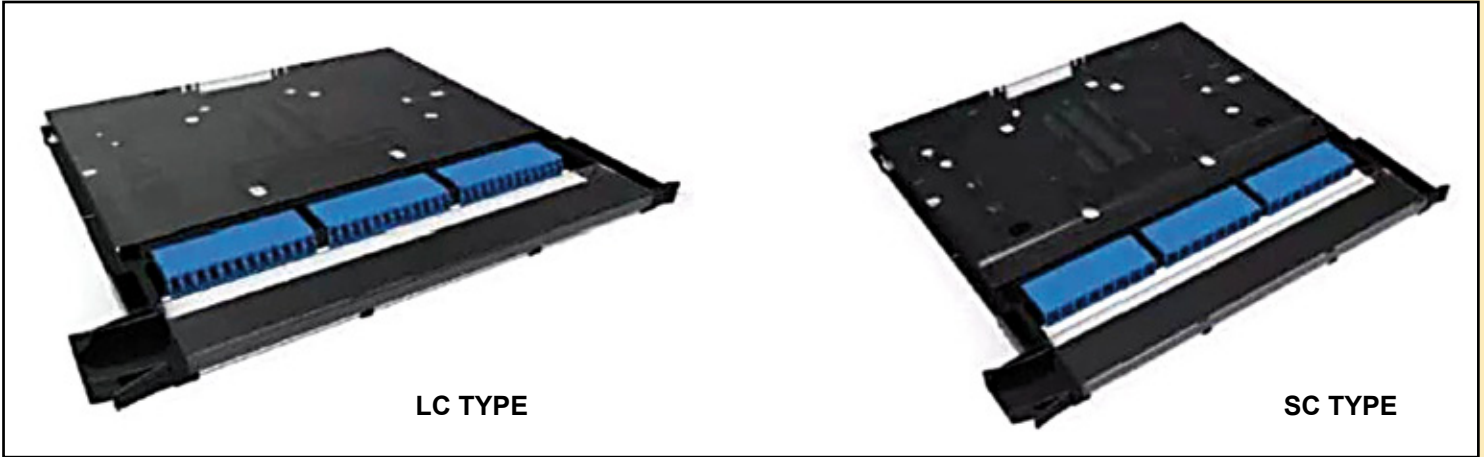


Patch Panel Capacity specification table

Type	Height	1U	2U	3U	4U
SC		72	144	216	288
LC		108	216	324	432

LanPro Data Center series capacity specification table

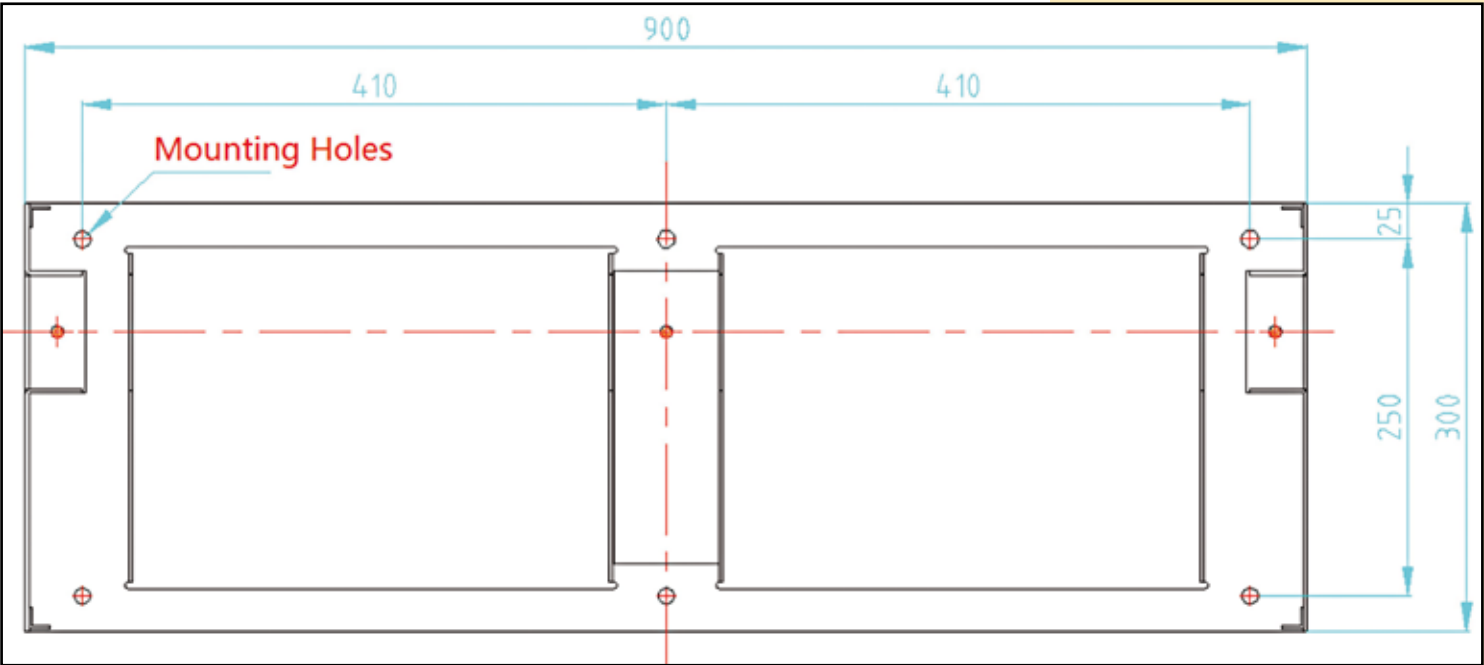
Size (W*H*D)mm	326*13*280 mm
Capacity	SC: 24; LC; 36
Optical accesories	Adapter, pigtail, heat shrink tube, mini-type splitter



INSTRUCTION

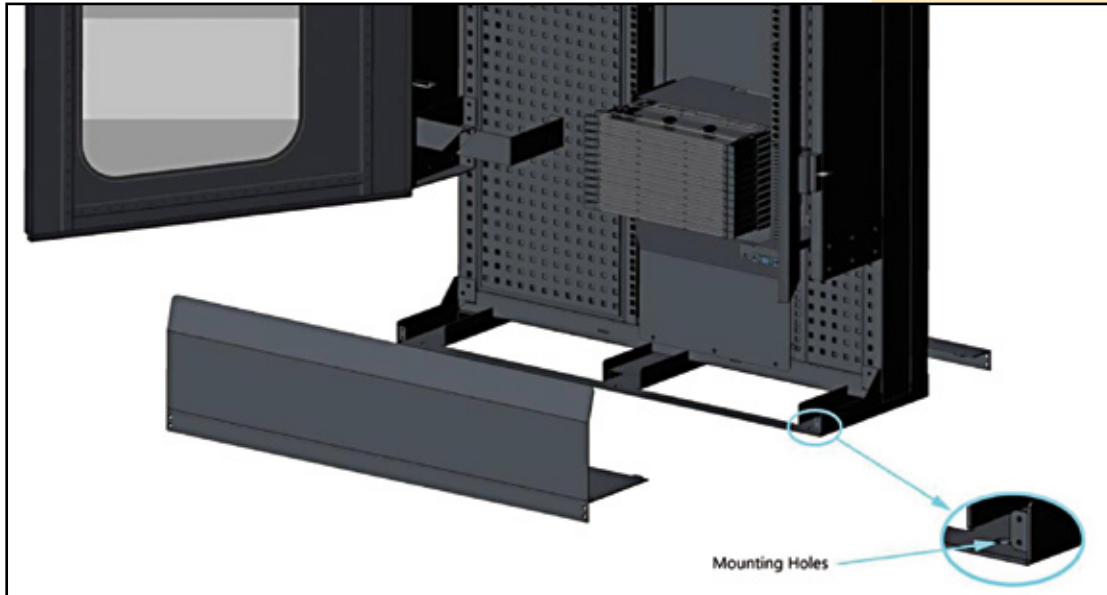
1

Place the rack in the required position. Before fixing the rack, please install the expansion bolts in advance.

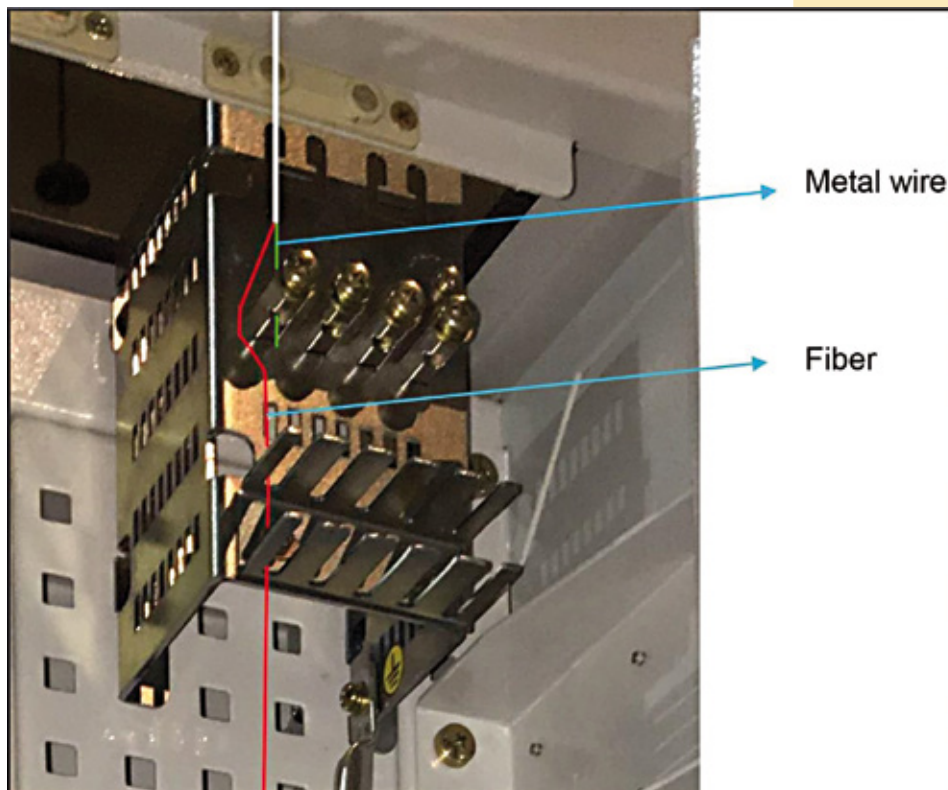


2

Remove the base cover, and use expansion bolts to fix the rack with base mounting holes.

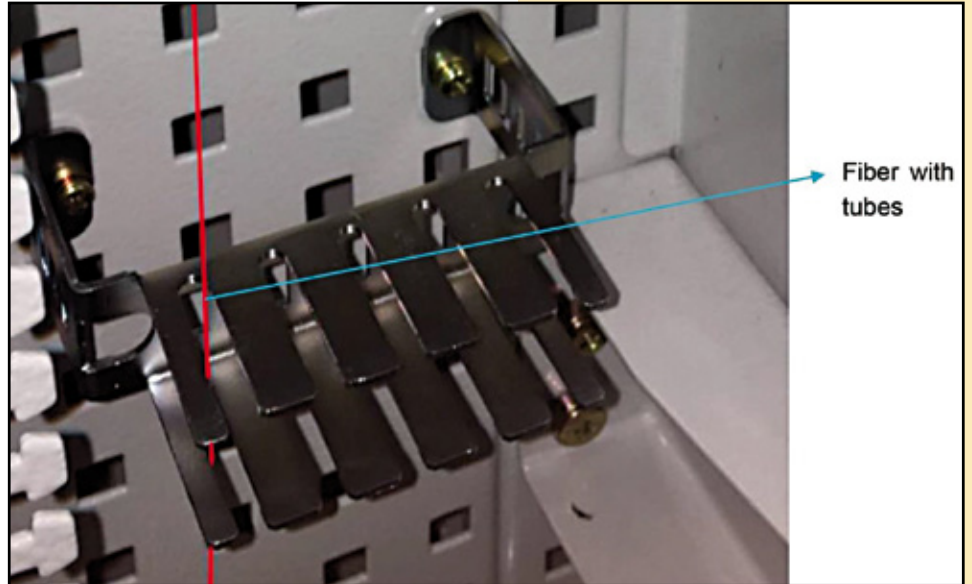
**3**

Lead the main cable from the top of the rack to the cable fixture plate. Fix the cable by hose clamps and peel the cable, fix metal wire of the cable to reinforced core.



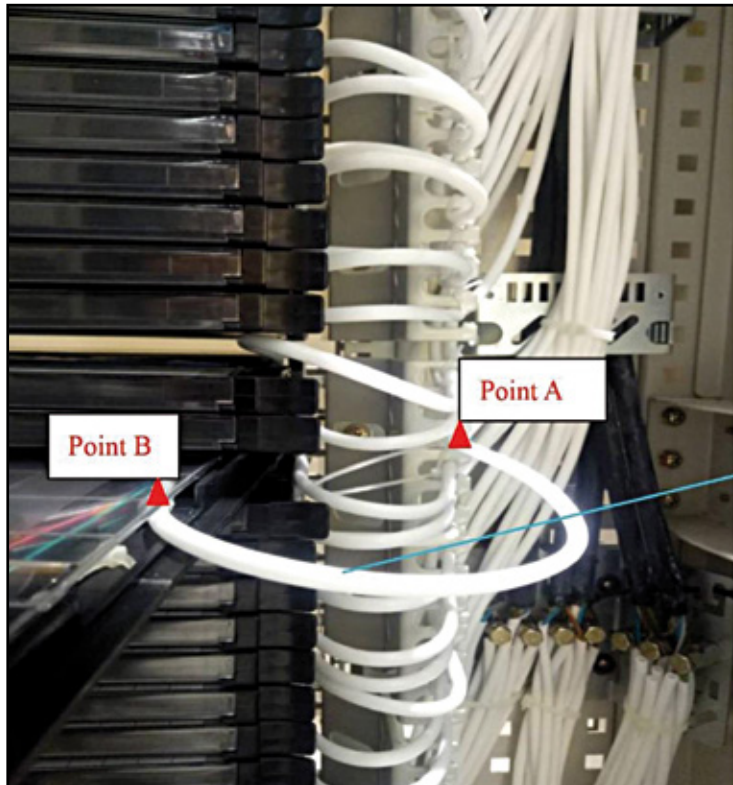
4

Remove core wrap and strength member. Insert protection tubes and go through below cable management board.



5

The main fibers enter patch panel 4U Block from right side. Suggested reservation length of main fibers between point A and point B is around 30 cm.



Point A: Tie the feeder cable protection tube with bracket tightly

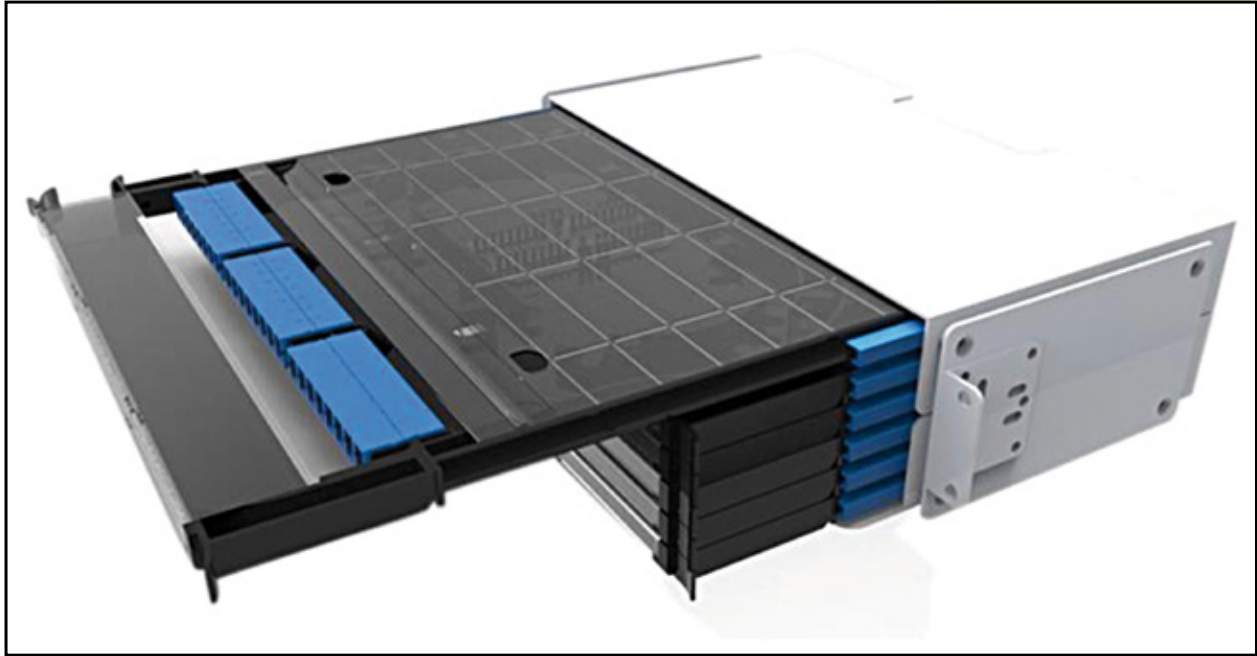
Point B: Tie the feeder cable protection tube with module tightly

Extra 30 cm length between A and B is needed

PATCH PANEL USER MANUAL

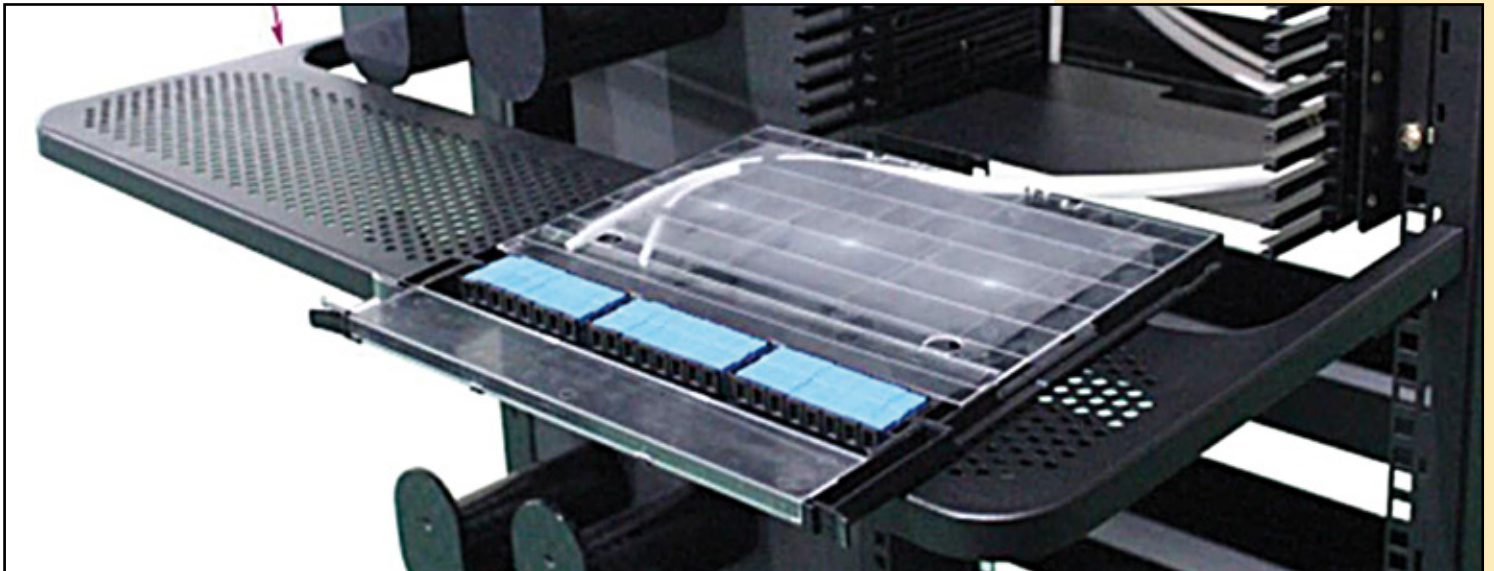
1

If the splice cassettes are installed in the panel, pull one splice cassette out of the panel.



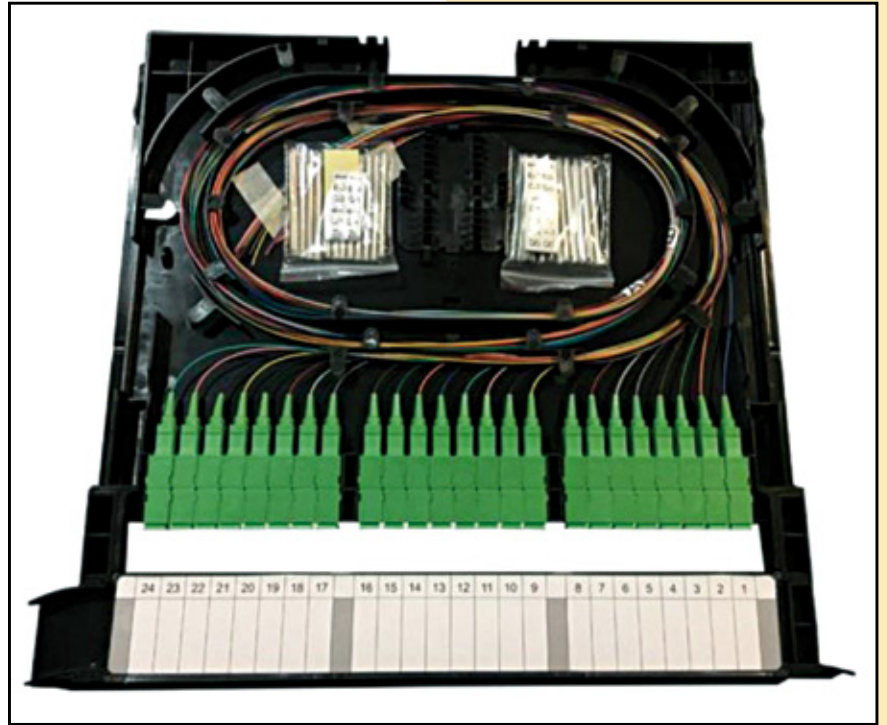
2

Place the splice cassette on a work surface.



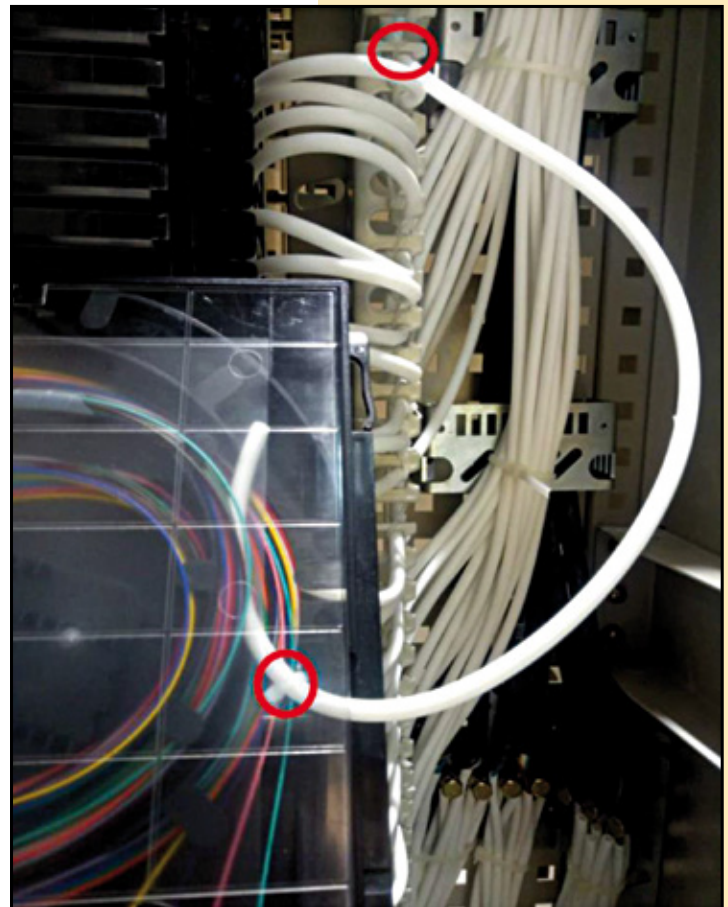
3

Remove the splice cassette cover.



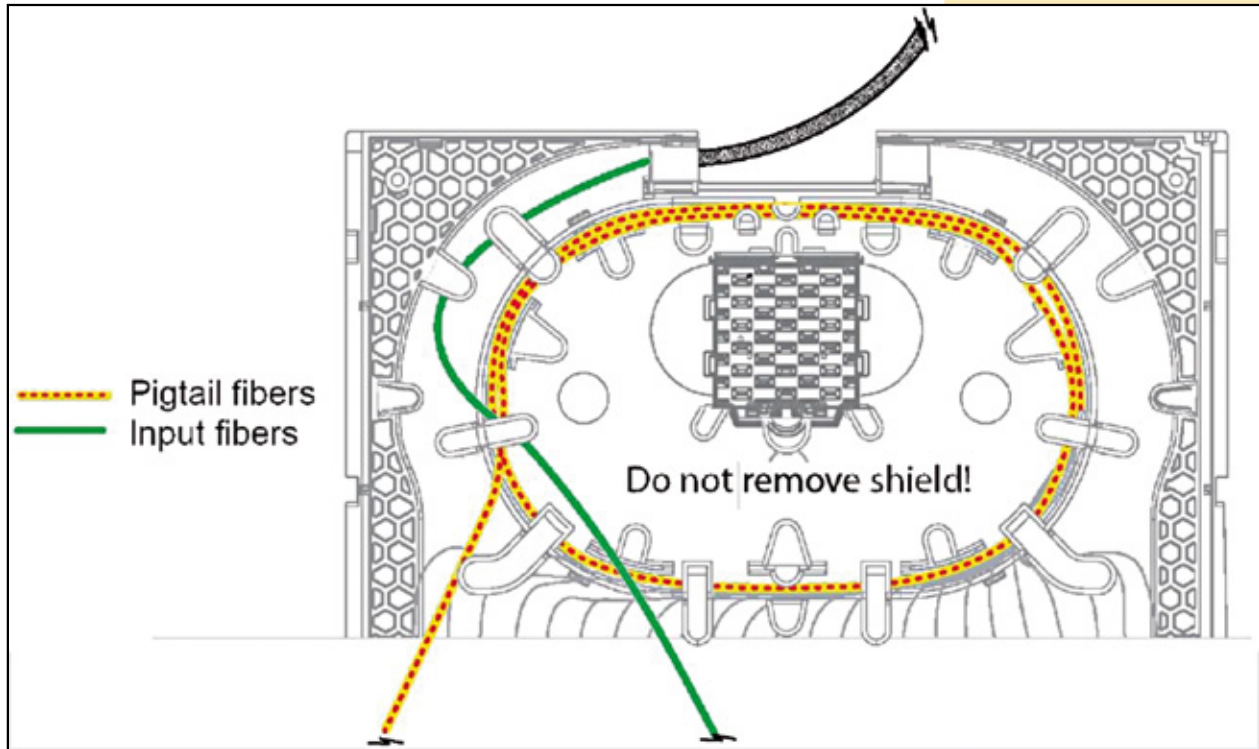
4

Tie the feeder cable onto the right bracket. Leave slack input fibers to ensure enough fiber length when pulling out the splice cassettes.



5

Pull the input fibers from the right of the housing through the slot where the cassette will be installed.

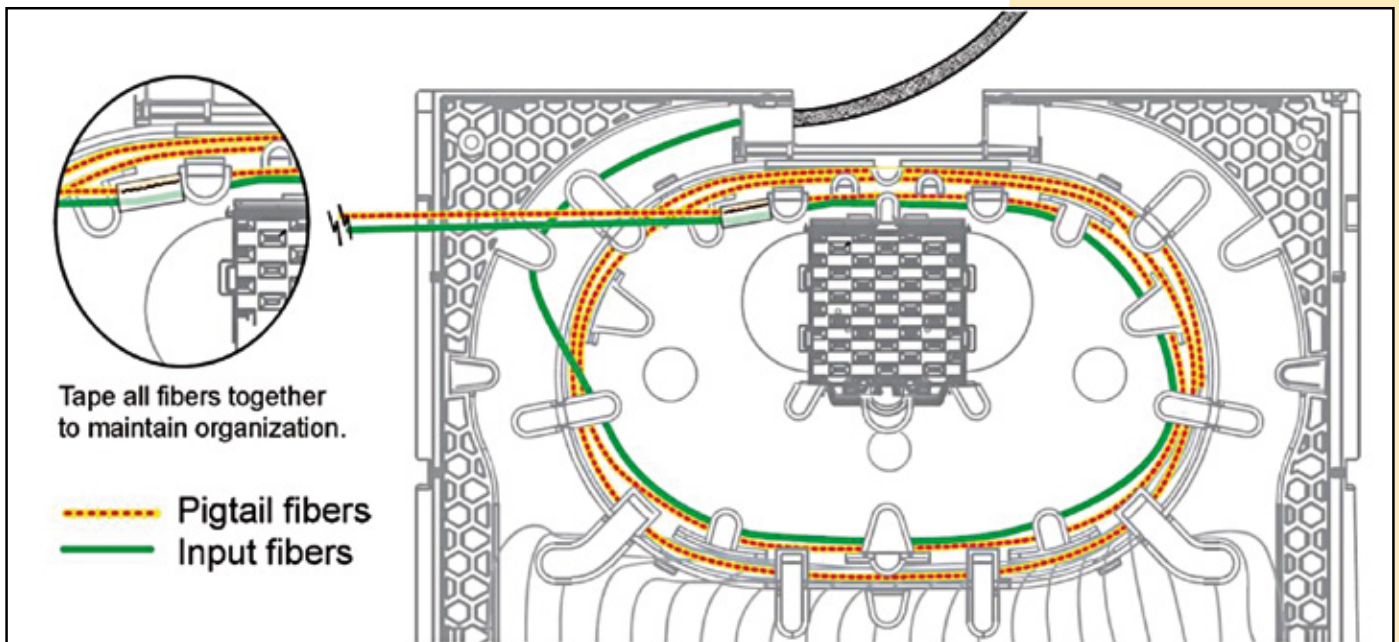


6

Gather the input and pigtail fibers with all the input fibers to the inside of the pigtail. Bring all input ribbon or fibers as a group into the internal fiber routing area in front of the pigtail fibers.

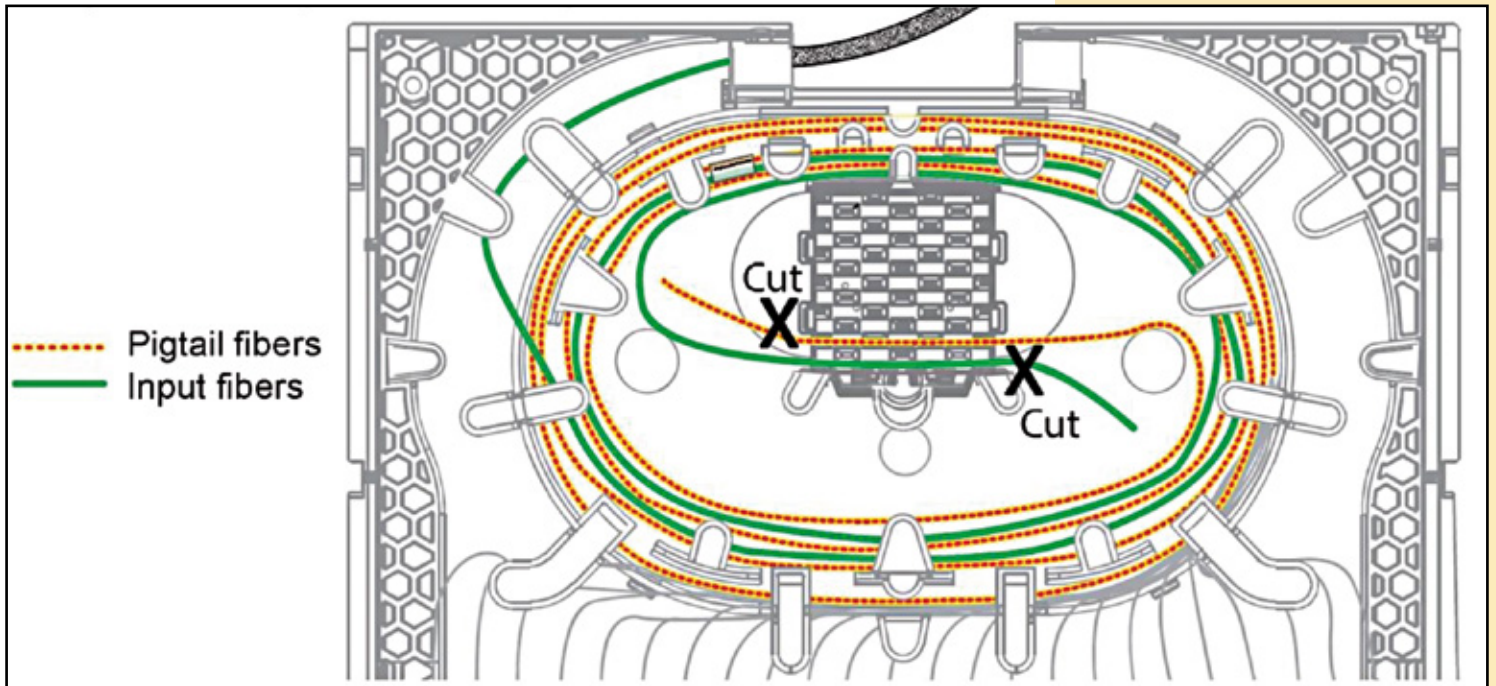
7

Tape the fiber together at least once as routed to maintain organization of the fibers.



8

Continue routing input fibers and pigtails as a unit inside the fiber routing area. Bring input fibers into the splice tray on one side of the tray. Continue routing pigtail fibers to the other side of the splice tray. Then line up the fibers.

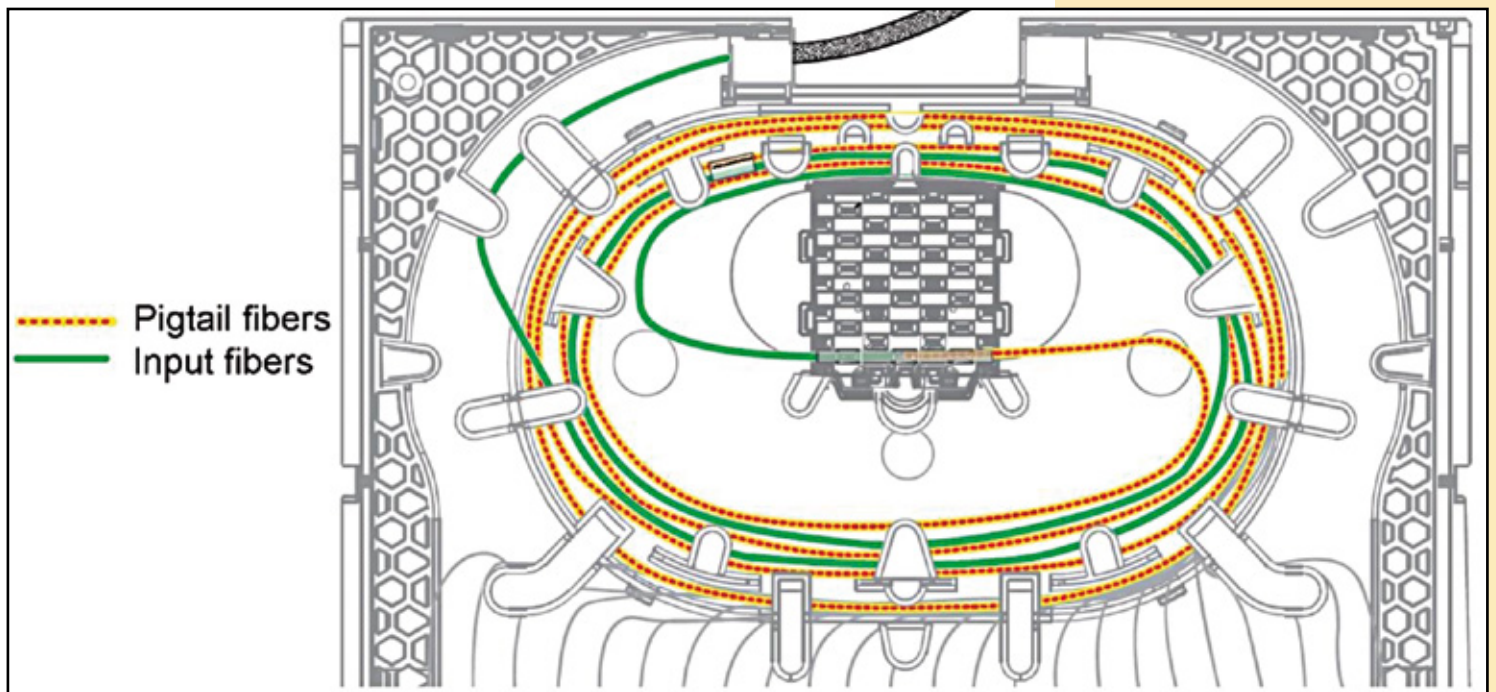


9

: Cut the ribbons/fibers at the outer edge of the splice tray. Tape fibers at splice point to prevent fiber twisting when moving fibers to splice equipment.

10

Bring the first input ribbon/fiber and the pigtail fiber to the splicer and splice per standard practices.



11

Close the front cassette cover.

12

Insert cassettes into the panel, starting at the top of the panel. Continue loading cassettes until the panel is full.

13

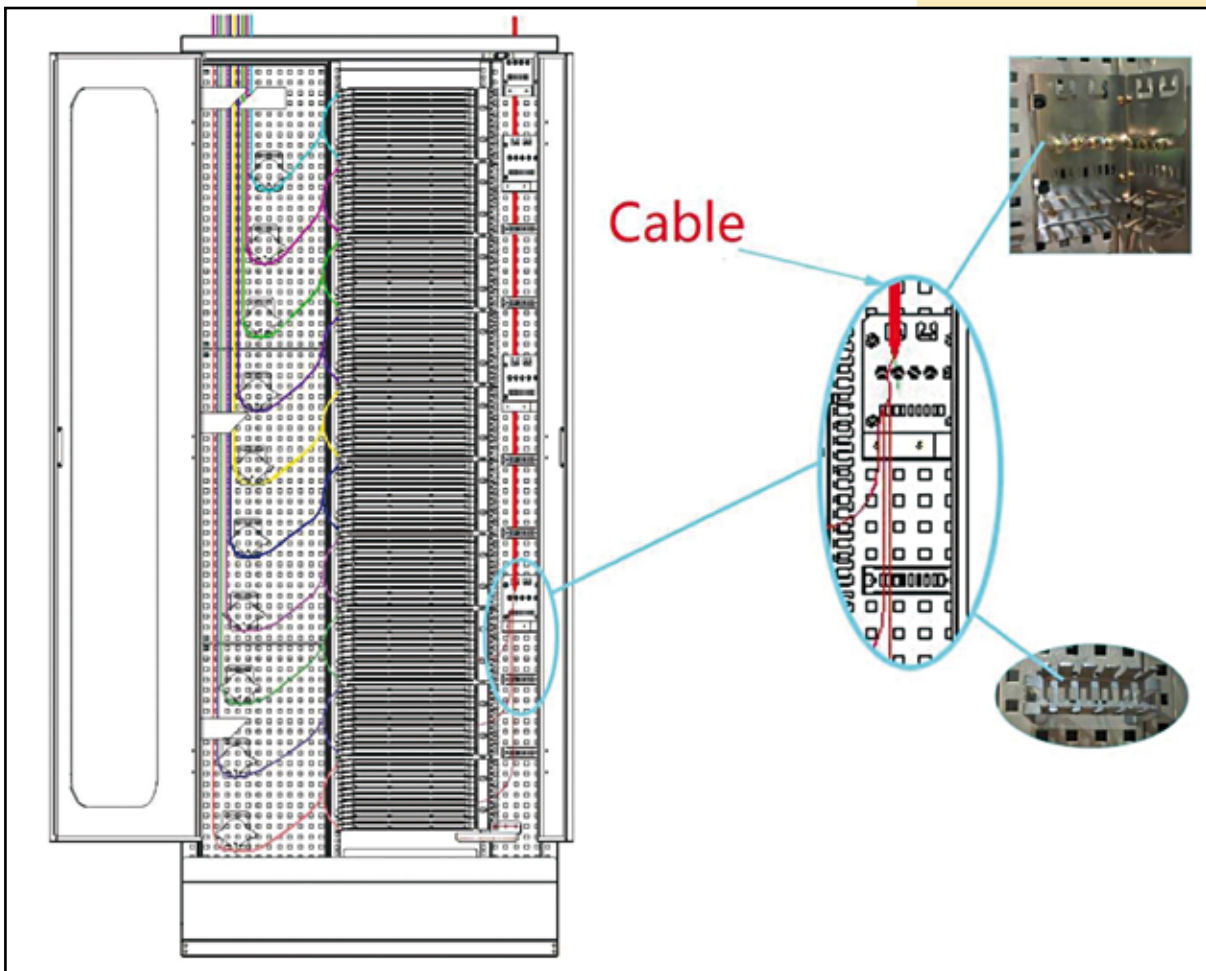
Bring the first input ribbon/fiber and the pigtail fiber to the splicer and splice per standard practices.





NOTE: Recommended patch cord diameter is Φ 1.6 mm with short boot.

Optical Fiber distribution routing for reference





LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.