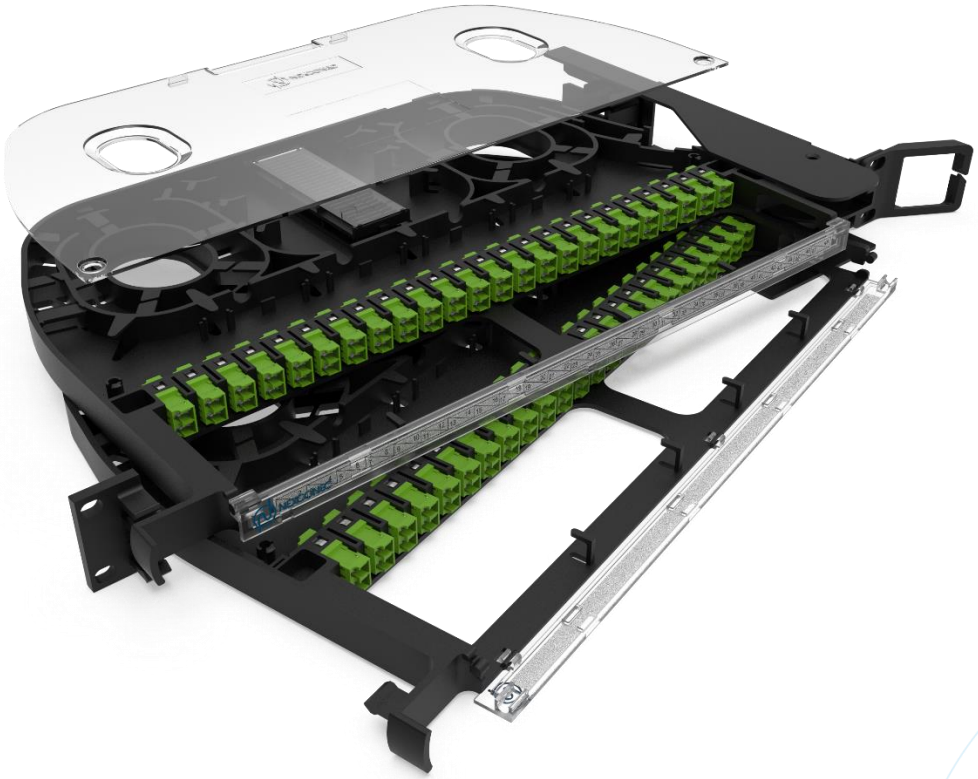
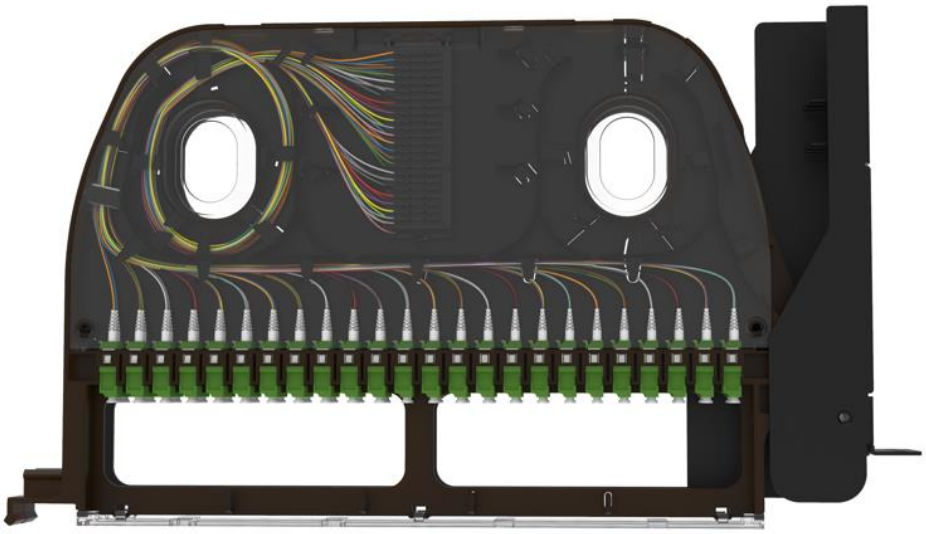
PIVOT PATCH PANEL



INSTRUCTIONS MANUAL FOR INSTALLATION

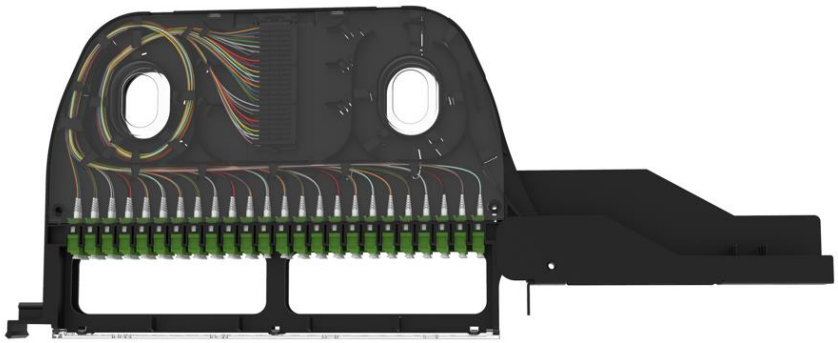
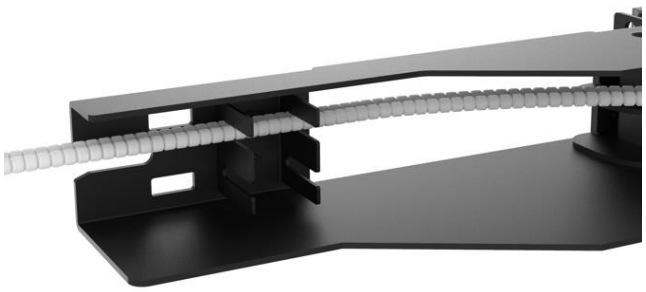
PIVOT PANEL INSTALLATION

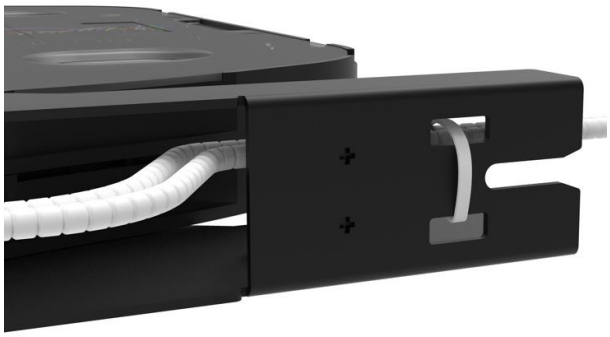
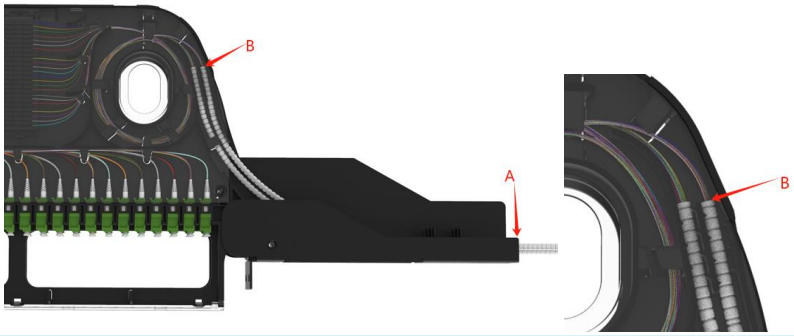
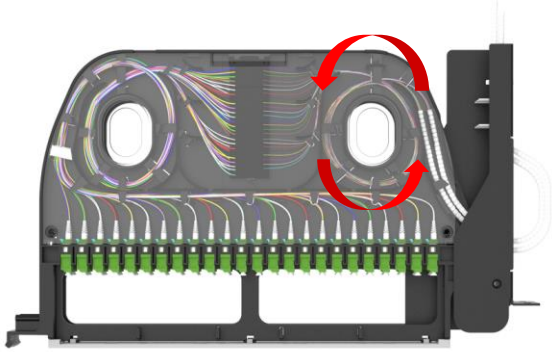
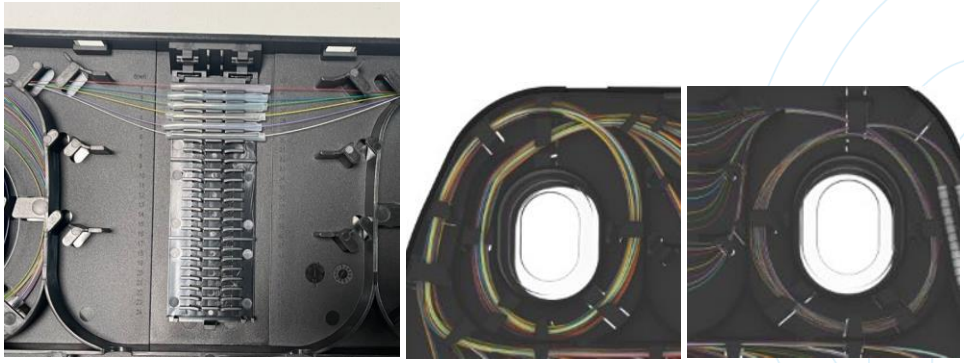


How to install pivot panel on rack?

1. Use M6 Cage Nuts and screws to fix Trays Lock and side mounting Bracket on the rack as show below:

Installing the incoming 5mm OD tubes to the patch panel.

Incoming 5mm tubes shoud be inserted on the comb holder to the inside of the pivotal tray.	
In the bottom of the cabinet, install the Fiber Transition breakout unit to route the loose tubes into separate conduits. *(Product supplied separately, see: TRBR01/02/03/04)* Place the 5mm tubing from the Transition box in the bottom of the cabinet and drive them up to the Pivot panel. Around 1,20m of loose tube fibers must shift from the 5mm tube.	
Open the tray to its maximum, Insert the 5mm conduits into the metallic comb. Up to 4 tubes per row. The top row is dedicated to the upper pivotal tray. The bottom row to the lower pivotal tray.	
Insert the 5mm conduits into the metallic comb. Up to 4 tubes per row. The top row is dedicated to the upper pivotal tray. The bottom row to the lower pivotal tray.	

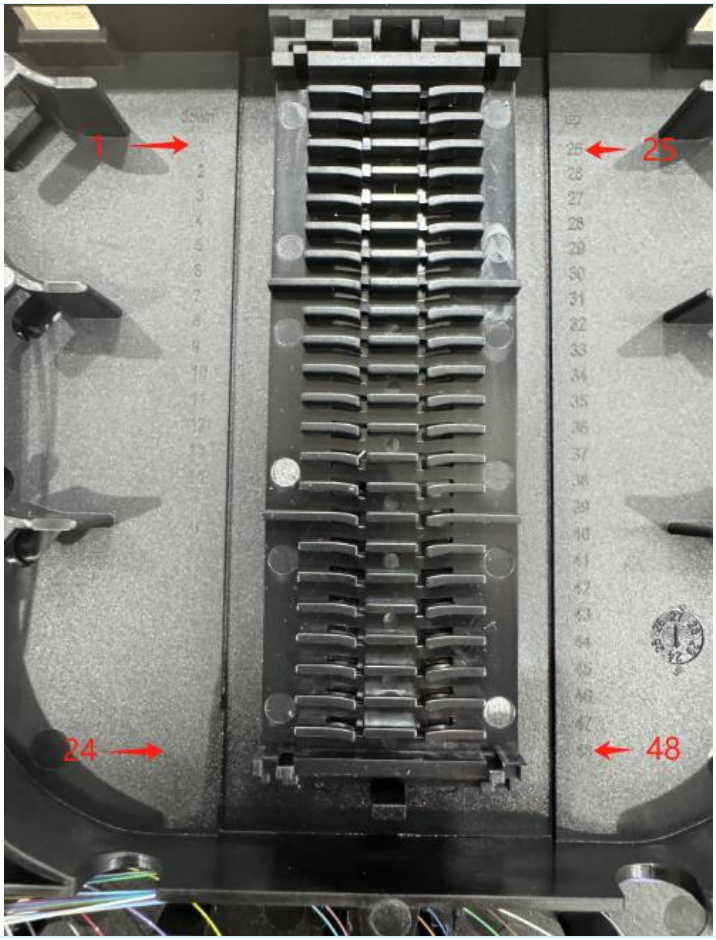
Fix the conduits into position with a cable tie attached as shown	
The conduit should be cut at position B, the recommended tubing length should be 38cm from A to B.	
Insert the 250um bare fibers around the spools and coil it counter clockwise, we recommend at least 3 coils. See Arrows	
Splice the fiber and place it on the splice holder. See paragraph “Splice Area” for the fiber sequence and color coding. Store the fiber on each side around the drums. Repeat the same operations for all fibers.	

1. Splicing Area

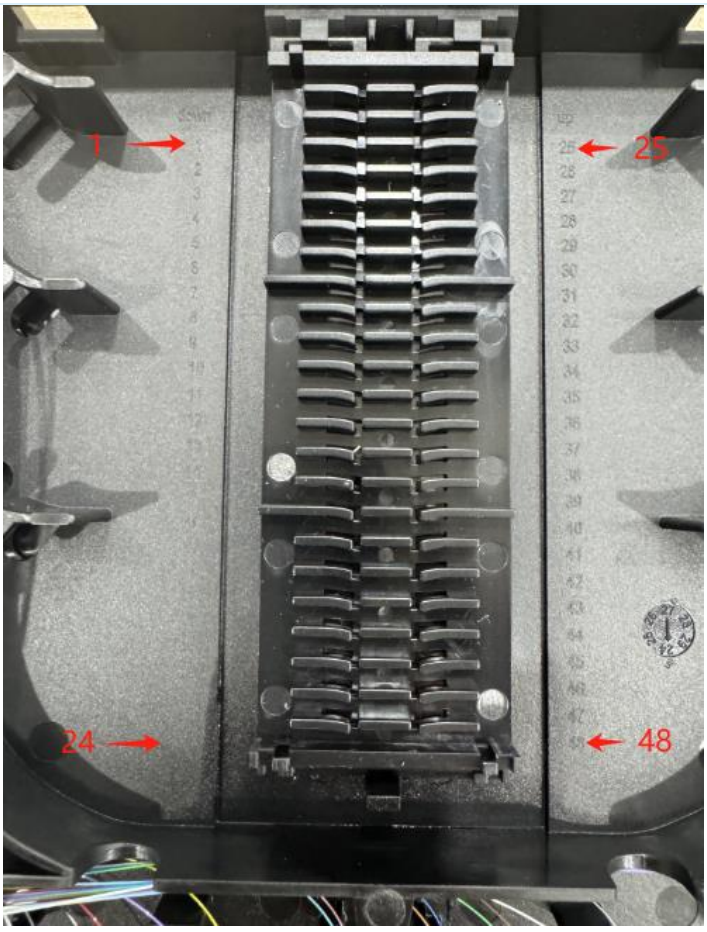
Each pivotal tray has 2x splice holders, 24x positions per splice holder. (up to 48 splices per pivotal tray)
Bottom splice holder for fibers 1 to 24, top splice holder for fiber 25-48.
Fiber positions are shown on the bottom of the tray as shown below.

Note. For SC configuration up to 24FO only bottom tray will be used. For LC up to 96FO the 2 splice holders will be used.

Fiber Sequence Telcordia FOTAG TIA/EIA598.

Fiber Sequence Pigtails	Interior layout	Fiber Sequence incoming cable
1		25
2		26
3		27
4		28
5		29
6		30
7		31
8		32
9		33
10		34
11		35
12		36
13		37
14		38
15		39
16		40
17		41
18		42
19		43
20		44
21		45
22		46
23		47
24		48

Fiber Sequence Orange/France Telecom

Fiber Sequence Pigtails	Interior layout	Fiber Sequence incoming cable
1		25
2		26
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12		36
13		37
14		38
15		39
16		40
17		41
18		42
19		43
20		44
21		45
22		46
23		47
24		48

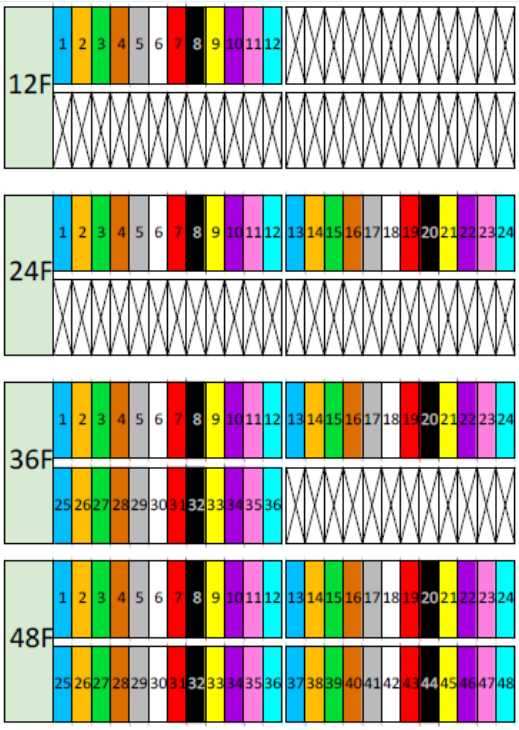
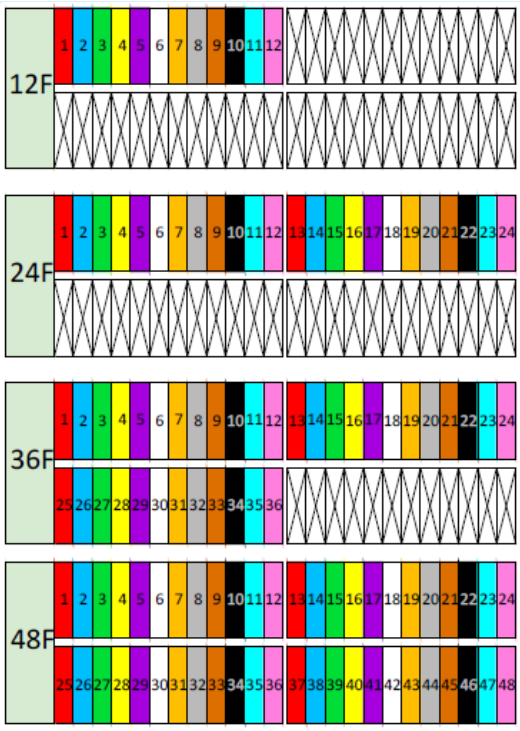
2. Patch Panel Port Allocation:

2.1. SC Adapters/Pigtails SC/UPC & SC/APC.

Top tray Port #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Bottom tray Port #	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Loading based 12FO, 24FO, 36FO and 48FO on SC ports:

Telcordia FOTAG Color Code		Orange /France Code	

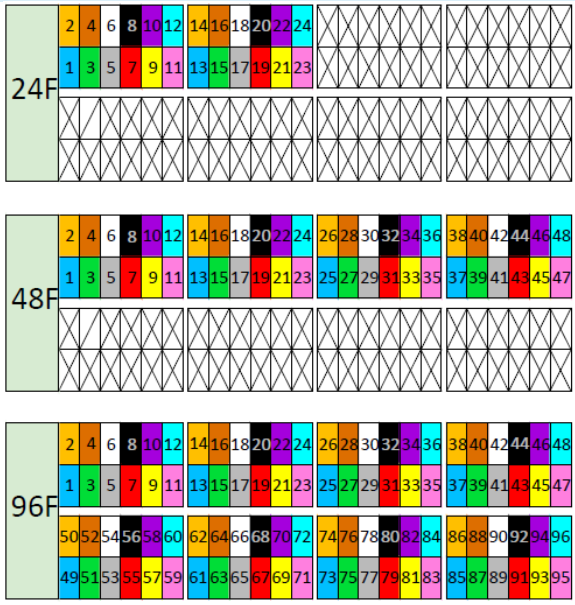
2.2. LC Adapters/Pigtails LC/UPC & LC/APC

Top tray Port #																							
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47

Bottom tray Port #																							
	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96
	49	51	53	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83	85	87	89	91	93	95

Loading based 24FO, 48FO and 96FO on LC Ports:

Telcordia FOTAG Color Code



Orange /France Code