

Flat Joint Closure

Flat Joint Closure is designed to be light weight, compact, Its construction is rigid having strength for all conditions of storage , transport, installation and Operations. Designed of construction ease for fusing splicing, splitting and storage of tubes and fibres. This closure is designed for use with all cable constructions.

It can be used for straight joint, branch joint, midspan of the optical cables, splitting and distribution connectivity in a FTTx network

Application

- Used for splicing & distribution
- Used for straight through and branching applications
- Applicable for Aerial as well as underground & wall mounting applications
- Applicable for Unarmoured & armoured cables

Features:

Feature	Benefit
Sealing Protection	IP 68
Zero Additional Loss	No additional loss when optic fibers are routed in the splice trays during installation and maintenance
Unique strength member clamp assembly	Prevents cable sheath movement with temperature changes
No specialized tools needed	Easy installation
Resistance to UV and temperature fluctuation	Can be deployed in all environments: buried, underground and aerial
Bend controls in Splicing tray	Guides and protects the pigtail cable and ensures controlled cable bending
Rugged construction	long term reliability
Minimal Training, no specialize tools needed	Cost savings, easy installation
Splicing tray lid	Protects the splice fibers from coming out of the trays
Transport tubes for fibers	Prevents fiber breakage at the tray entry during installation & maintenance
Earthing	Safe for handling in field

PDR Videotronics (India) Pvt. Ltd.

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GST No. 27AAACP2446G1ZL

Technical Details

Sr. No	Description	Unit	Particulars
1	Dimension (L x D)	mm	395 x 282 x 212
2	Weight	Kg	< 7 Kg
3	Cable sealing		Mechanical
4	Construction material		
5	Dome		Poly-propylene Co-polymer
6	Base		Poly-propylene Co-polymer
7	Tray		ABS
8	O-Ring		Neoprene rubber
9	Clamp		Glass filled Nylon666
10	Type		Butt type
11	Round port entries for distribution cable	Nos.	10
12	Oval port entries for cable	Nos.	1
	Cable diameter supported	mm	6 – 12.5 mm (through rubber seals)
13	Total no. of optical splice	Nos.	144 loose tube fibre
14	Max. no. of cable entries	Nos.	6
15	Max. no. of splice trays	Nos.	8
16	No. of splice per tray	Nos.	12
18	No of splitter trays	Nos	4
19	No of splitter tray	Nos	1
20	Splitter Ratios		1:8 or 2:8
21	Operating temperature	Nos	4 tray
22	Atmospheric Pressure	Nos	6 tray

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Flat Joint closure complete set Picture



Flat closure dome



Base inside view & outside side view.



Sosa Base

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Splice tray front view .



Splice tray backside view



Basket



Clamp