

JOINT CLOSURE(HST)

DS No.:1050VI REV: 00

Description:

Heat shrink sealing is designed to be used in any environment aerial, pedestal, buried, manhole. It is well suited to accommodate a maximum of 96 fibres for various splice applications such as track (backbone), spur (branch) or distribution points. Cable ports can be sealed using the robust & reliable heat shrink mechanism.

The closure comprises a plastic moulded dome shaped housing with fibre management trays attached to an end cap. There are 4 round cable entry ports and a single oval cable entry port for the main distribution cable. These ports can be sealed using heat shrink sleeves & a blow torch. No special tools are required for assembly & re-entry.

closures can accommodate up to twenty-four fusion splice sleeves in each tray. The trays are hinged at one end to facilitate access of each tray without disturbing the other trays. In addition, any fibre from a tray can be spliced to any other fiber on another tray easily due to the way the trays are stacked.



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
Easily Re-Enterable Design (Only for Mechanical Type)	Economical and future ready

Applications:

Used for store and secure splice.

Used for straight through and branching joint applications.

Suitable for aerial, underground & wall mounting applications

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Technical Details

Sr. No	Description	Unit	Particulars
1	Dimension (L x D)	mm	530 x 170
2	Weight	Kg	< 2.7 Kg
3	Cable sealing		Heat shrink sleeves
4	Construction material		
5	Dome		PPCP
6	Base		PPCP
7	Tray		ABS
8	O-Ring		Neoprene rubber
9	Clamp		Nylon666
10	Type		Butt type
11	Round port entries for cable	Nos.	4
12	Oval port entries for cable	Nos.	1
13	Total no. of optical splice	Nos.	144
14	Max. no. of cable entries	Nos.	6
15	Max. no. of splice trays	Nos.	8
16	No. of splice per D tray	Nos.	12
17	No of splice per B tray	Nos.	24
18	48 fiber with D tray	Nos	4 trays
19	96 fiber with D tray	Nos	8 trays
20	144 fiber with D tray		Not Available
20	48 fiber with B tray	Nos	2 trays
21	96 fiber with B tray	Nos	4 trays
22	144 fiber with B tray	Nos	6 trays