JOINT ENCLOSURE (JUNCTION BOX)

ADH Joint enclosure is especially designed for installation of cables without any source of heat. It is used tohouse optical fiber splices and cables in secured condition. This closure can be designed for use with all cable constructions. With its compact design and ease of operation, this is the design to look forward. Thisclosure has provision of use of both loose tube as well as ribbon fiber.

ADH fiber optic splice closures are specially designed to protect joints of optic cable.
Excessive fibers can be stored in storage baskets behind the splice trays. The optical fibers are taken into from middle of splice tray. The dome material mixed chemical agent to resist corrosion and aging and also provide ultra-violet protection.

Application :
It can be installed in aerial locations, ducted applications, direct buried, manholes. Small volume but largecapacity.

Fiber Optic Splice Closure
Materials for dome and base: PP alloy;Material for the tray: ABS

Features:

1. Excessive fibers can be stored in storage baskets. Easy in fiber management.
2. Fabricated by mixing the imported material and other chemical assistant agent (ageing resistance & ultra violet radiation resistance), increase of service life
3. Base-to-dome seals on closure are mechanical and heat- shrinkable for ease of installation and reentry. No other sealing adhesive tape is needed
4. Base and dome sealed with clamp and O-ring system
5. The splice trays are hinged for access to any splice without disturbing others trays
6. The inner parts and fixing parts are made of stainless steel
7. Closure with a earthing device protect it from damage by lightning
8. Compatible with most cable types(single fiber or ribbon), and cable constructions(loose tube, central cor e, slotted core, modular). And the product can be used in any environment (aerial, buried, handhole, manh ole)and in many applications(tap-off, expressed, branch, and repair)
9. No special tools are needed to open the closure, and it can be opened and used repeatedly

Technical Specifications

No	Parameters	Unit	Particulars
1	Dimension	(L x D) mm	540 x 180
2	Weight	Kg	< 3.5 Kg
3	Cable Sealing		Mechanical
4	Construction Material		
	Dome		Poly-propylene Co-polymer
	Base		Poly-propylene Co-polymer
	Tray		ABS
	O Ring		Neoprene Rubber
	Clamp		Glass Filled Nylon
5	Type		Butt Type
6	Round Port Entry for cable	(Max) Nos	4
7	Oval port entry for cable (Max)	Nos	1
8	Cable Diameter Supported	mm	8 - 20 mm (through different rubber seals)
9	Total no. of Optical splices	Nos	Max 288 for Ribbon, 144 for Loose tube fiber
10	Maximum no. of cable entries	Nos	6
11	Maximum no. of splice trays	Nos	6
12	No. of splice per tray Nos		12 / 24 for loose tube fiber & 48 for Ribbon Fiber
13	Operating Temperature		°C Upto 65
14	Atmospheric pressure	Kpa	70 - 106