

## Fiber Optic Closure



CISFIBER Infra Solution's Fiber Optic Splicing Closure is used to house optical fiber splices and cables in secured condition. This closure can be designed for use with all cable constructions. CIS fiber optic closure denotes quality, reliability, and user-friendliness.

### FEATURES / BENEFITS

- Water tight protection (IP68 compliant)
- Can be deployed in all environments: buried, underground and aerial
- 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 fibres from coming out of the trays
- Transport tubes for fibres
- Prevents fibre breakage at the tray entry during installation & maintenance



# DATASHEET

CIS-DS-010

REV A

20-10-2020

## APPLICATIONS

- Used for storing splicing
- Used for straight through and branching applications
- Applicable for Aerial as well as underground & wall mounting applications

## SPECIFICATIONS

Description	Unit	Particulars
Weight	Kg	< 3.5 Kg
Cable Sealing		Heat Shrink / Mechanical
Construction Material		
Dome		Poly-propylene
Base		Poly-propylene
Tray		ABS
O Ring		Neoprene rubber
Type		Butt Type
Round port entry for cable 8-18 mm (Max)	Nos	4
Oval port entry for cable 10-25mm (Max)	Nos	1
Total no. of optical splices	Nos	144
Degree of protection		IP 68
Max no of cable entries	Nos	6
Maximum no of splice trays	Nos	6
No of splice per tray	Nos	12/24
Operating temperature	°C	Min. -20°C Up to 65°C
Atmospheric pressure	KPa	70~106
Insulated resistance*	MΩ	>2 x 10 <sup>4</sup>



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## ORDERING GUIDE

Product Family		Capacity		Type	
Type	Catalogue code	Capacity	No of trays	Type	Catalogue Code
Telecommunications Fiber Closure	TCL	0F	0	Mechanical Sealing	MS
		6F	1	Heat Shrink Sealing	HS
		12F	2		
		24F	02		
		48F	4		
		96F	04		
		144F	6		
		*04 for 96F Capacity at 24F per slice tray			

Note: Closure picture shown above are only for representation purpose and design can change as per the application