

Fiber Optic Splice Closure

DG206

Overview

DG206 fiber optic splice closures (FOSC) are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. Applicable to situations such as overhead, man-well of pipeline, embedded situation etc.

Features

- The protection grade reaches IP 68.
- Aerial and wall-mounting.
- Ambient temperature ranges from -40 to 65°C.
- The closure is of small volume, big capacity and convenient maintenance.
- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure.
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment.
- The splice trays (FOST) inside the closure are turn-able like booklets, and have adequate curvature radius and space for winding optical fiber to make sure the curvature radius for optical winding 40 mm. Each optical cable and fiber can be operated individually.
- Heat shrink sealing.



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	455mm*220mm
Weight (excluding outside box)	3000g - 3600g
Number of Inlet / Outlet Ports	7pieces in general
Diameter of Fiber Cable	1- Φ 65*40mm(one port); 6- Φ 22mm(four ports)
Capacity of FOSC	Bunchy: 48 cores - 288 cores

Main Components

Name of Components	Quantity	Usage	Remarks
FOSC Cover	1 piece	Protecting fiber cable splices in whole	Height*Diameter: 370*205(mm)
Splice Tray (FOST)	Max. 6 trays (bunchy)	Fixing heat shrink protective sleeve and holding fibers	Bunchy: 48 (cores)
Base	1 set	Fixing internal and external structure	N/A
Plastic Hoop	1 set	Fixing between FOSC cover and base	N/A
Seal Fitting	1 piece	Sealing between FOSC cover and base	N/A
Earthing Deriving Device	1 set	Deriving metallic parts of fiber cables in FOSC for earthing connection	Configuration as per requirement.