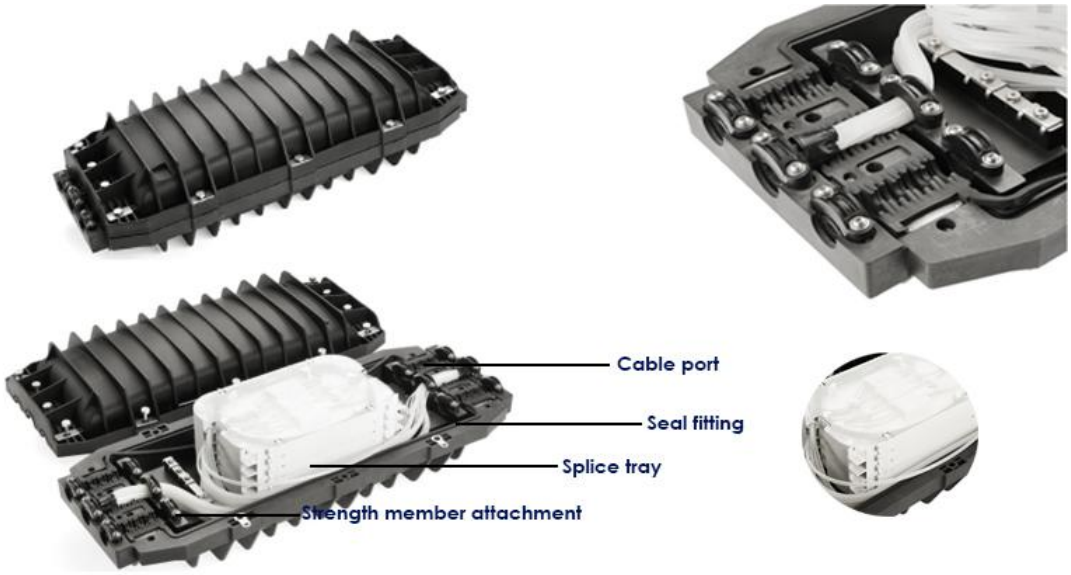
SHANGHAI TANGPIN TECHNOLOGY

Horizontal Type Fiber Optic Splice Closure

Also can be called as In-line Fiber Optic Splice Closures or half-type fiber optic closure, look like flat or cylindrical case. They can be mounted aerial, buried, or for underground applications. Horizontal types are used more often than vertical type (dome type) closures. The cases are usually made of high tensile construction plastic, are widely used in CATV, telecommunications and fiber optic networks. The common fiber counts of flat fiber splice closure are 12/ 24/48 fibers.



Features

- Straight-through, branching, splitter, splicing and distribution functions
- High tensile construction plastic material, ageing-resistant in harsh environment
- Stack-able splice trays, easy open and installation
- Splice trays can be easily increased and reduced according to applications
- Easy open and close of closure with very little tool
- Mechanical seal can be reopened, re-entry and re-using.
- Suitable for ordinary fiber and ribbon fiber
- Perfect leak proof, waterproof
- Full installation accessories included for convenient operations
- Enough spaces for winding and storing fibers
- Suitable for aerial, underground, direct buried, wall-mounting, wall-mounting in duct and hand hole.

Specifications

- Temperature: -40 to +80 degrees Celsius
- Atmosphere: 70 to 106kpa
- Sealing property at normal temperature: Internal pressure: 70 KPA, without decrease in 72hours
- High temperature sealing property: internal pressure: 70KPa, without decrease in 168 hours at 60 degree
- Insulated resistance: >2× 104MΩ
- Intensity: 15KV (DC) not being broken down, has no flying arc.
- Additional Loss: No additional loss when optic fibers are winded in the splice trays
- The-ageing time of the material of the enclosure is beyond 20 years under normal conditions

Applications

- CCTV/CATV Links
- Access/Metro Networks
- Telecommunication Network
- FTTx Deployments(GPON/BPON/EPON)

We have the fiber splice closure which could use with both ribbon type cable and round type cables. Different fiber splice closure the fiber connection ability range from 12cores to over 200 cores.

Ordering Information

Mode	Picture	entrances	Fusion Splice Capacity	Sealing	IP Rate	Installation
FOSC 6407		2 inlets and 2 outlets, φ10～17.5mm	4 pcs 24-core splice trays max. 96F (mini:12F)	bolt structure mechanical seal	IP68	aerial, wall mounting, duct mounting, manhole
FOSC 6408		4 inlets and 4 outlets, φ8-13mm	bundle: 4 pcs 24-core splice trays, max. 96F (mini: 12F) ribbon: max. 288F	bolt structure mechanical seal	IP68	aerial, duct mounting, manhole
FOSC H4B		2 inlets and 2 outlets, φ10-21mm	bundle: 4 pcs 24-core splice trays, max. 96F ribbon: 3 pcs 128-core splice trays, max. 384F	bolt structure for tightening seal	IP68	wall mounting, aerial, duct mounting, manhole

FOSC H6B		3 inlets and 3 outlets, 4 for φ10-20mm cables, 2 for φ16～28mm cables	bundle: 5 pcs 36-core splice trays, max. 180F ribbon: max. 720F	bolt structure for tightening seal	IP68	wall mounting, aerial, duct mounting, manhole
FOSC H4C1		2 inlets and 2 outlets, φ10～21mm	bundle: 4 pcs 24-core splice trays, max. 96F ribbon: 4 pcs 72-core splice trays, max. 288	bolt structure for tightening seal	IP68	wall mounting, aerial, duct mounting, manhole
FOSC 6804		2 inlets and 2 outlets, φ10-20mm;	bundle: 3 pcs 24-core splice trays; max. 72F ribbon: 6 pcs 48-core splice trays; max. 288F	bolt structure mechanical seal	IP68	aerial, bracket mounting, direct burial, handhole, manhole
HFOS C 6812		2 inlets and 2 outlets, φ10～18mm	3 pcs 24-core splice trays, max. 72F	screw structure for shells tightening seal cable nuts for port sealing	IP68	duct mounting, aerial
FOSC 6812B		2 inlets and 2 outlets, φ10～18mm	6 pcs 48-core splice trays, max. 288	screw structure for shells tightening seal cable nuts for port sealing	IP68	duct mounting, aerial
FOSC 9403		4 inlets/outlets, φ10-17.5mm; 16 drop ports for 2*3mm cables；	max. 48F Adaptor/Splitter: applicable to 2 pcs removable splitter modules, each can accommodate 18 pcs SC adaptors and 2 pcs 1:8/ 1 pc 1:16 splitter	air permeable, screw-free sealing	IP55	aerial
FOSC 9408		4 inlets/outlets, φ10-16mm; 16 drop ports for 2*3mm cables.	Capacity: max. 24F Adaptor/Splitter: applicable to 18 pcs SC adaptors and 2 pcs 1:8/ 1:16 splitters	push-pull mechanical tighteners plus buckles	IP55	aerial

FOSC 6810		2 inlets and 2 outlets, applicable to φ10-15 mm cables	Capacity: maximum 24F tray capacity and 2 splice trays Fusion Splice Capacity: minimum 12F, maximum 48F	screw structure, self-adhesive rubber for squeezing seal	IP68	wall mounting, aerial, duct mounting, underground
FOSC 6811		3 inlets and 3 outlets, applicable to φ10-15 mm cables	maximum 24F tray capacity and 2 splice trays Fusion Splice Capacity: minimum 12F, maximum 48F	screw structure, self-adhesive rubber for squeezing seal	IP68	wall mounting, aerial, duct mounting, underground
FOSC 6813		2 inlets and 2 outlets, applicable to φ8-13 mm cables	Capacity: maximum 24F tray capacity and 3 splice trays Fusion Splice Capacity: minimum 12F, maximum 72F	screw structure, self-adhesive rubber for squeezing seal, IP68	IP68	aerial, duct mounting, direct burial
FOSC 6820		3 inlets and 3 outlets φ8-20mm	4 pcs 24-core splice trays max. 96F (mini:12F)	screw-and-buckle mechanical seal	IP68	wall mounting, aerial, duct mounting

Remarks:

Accessories include heat shrinkable protect sleeve, cable tie, plastic tube, heat shrink tube, branch kit, pole mounted accessories.