SA-FOSC-4475
Fiber Optic Splice Closure specification

Description

SureAlign SA-FOSC-4475 type of FOSC is designed for connection and protection of fiber cables. This model has one oval port and six branch cable ports. It can be used for different applications of optical fiber cable splicing & branching and is suitable for aerial, pipe-lined, manhole and direct buried applications.

Features

- Splice tray support single fiber fusion or ribbon fiber fusion.
- Capacity: max capacity is up to 576F. Each tray supports 72F.
- Single-ended, O-ring sealed dome closure for splicing feeder and distribution cables.
- Closure can be used in aerial, pedestal and underground environments.
- Protection grade: IP68.

Specifications

| Technical Specification			
Style	Dome		
Dimensions(mm)	653×φ267 mm		
Weight (kg)	6		
Material	Modified PP		
Sealing Type	Heat Shrink		
Protection Grade	IP68		
Cable ports	Oval port	1	Φ10mm～25mm
	Round port	6	Φ8mm～31mm
Closure Max Capacity	Single fiber splicing		576f
	Ribbon fiber splicing		3456f
Splice Tray Capacity	Single fiber splicing per tray		72f
	Ribbon fiber splicing per tray		432f
Max No. tray installed	8 pcs		
Installation	Aerial / Wall/ Pole / Manhole mounted		

Selectable fiber splice tray (Single fiber fusion and ribbon fiber)

3pcs splice sleeve holders installed. Each splice sleeve holder has 24 slots, each holder can do 24 splices
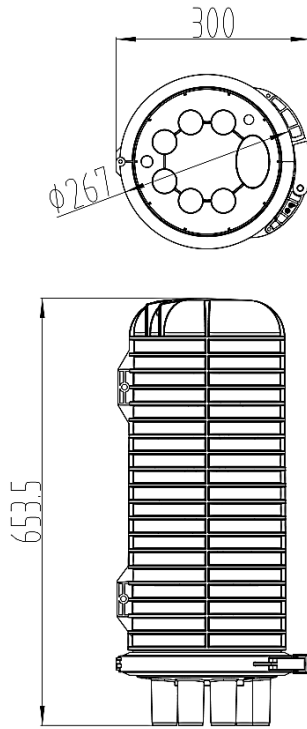
3pcs splice sleeve holders installed for ribbon cable splices. Each splice sleeve holder has 12 slots
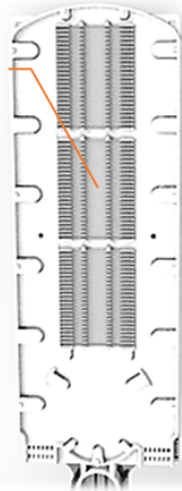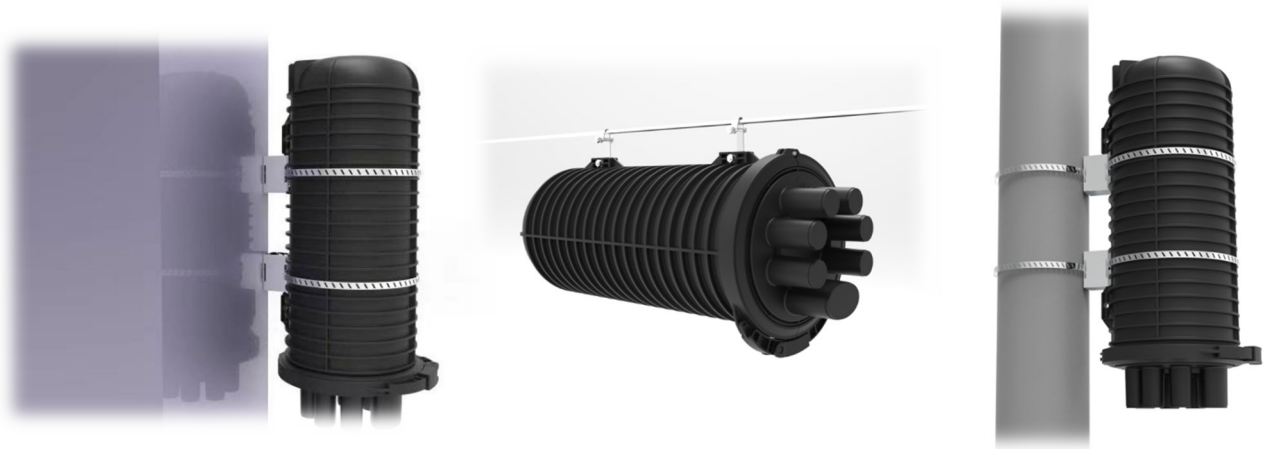
Tray type 1
For single fiber splices
Tray capacity: 72F
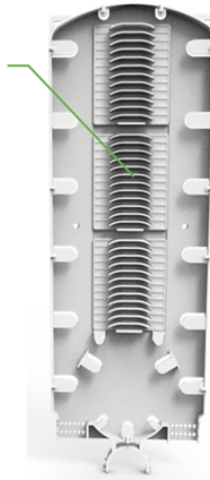
Tray type 2
For 12F ribbon cable splices
Tray capacity: 432F

Structure Drawings

Installation Drawing

Accessory list

Standard accessories

Item	Description	Qty	Picture
1	Big heat shrink tube	1 pc	
2	Small heat shrink tube	6 pcs	
3	Branch kit	1 pc	
4	Insulation tap	1 roll	
5	Splicing protective tube	On demand	
6	Nylon cable tie	On demand	
7	Installation manual	1 set	
8	protection tube	1 roll	
9	Clean paper	1 pc	
10	Sand paper	1 pc	
11	Ground wire	1 set	

Optional accessories

Item	Description	Qty	Picture
1	Air Valve	1 set	
2	Aerial mounting kit	1 set	
3	Pole mounting kit	1 set	
4	Wall mounting kit	1 set	

Packaging information

Product Dimension	Outer carton Dimension
653×φ267mm	660*300*300 mm (1 pcs)

Kit Order Information
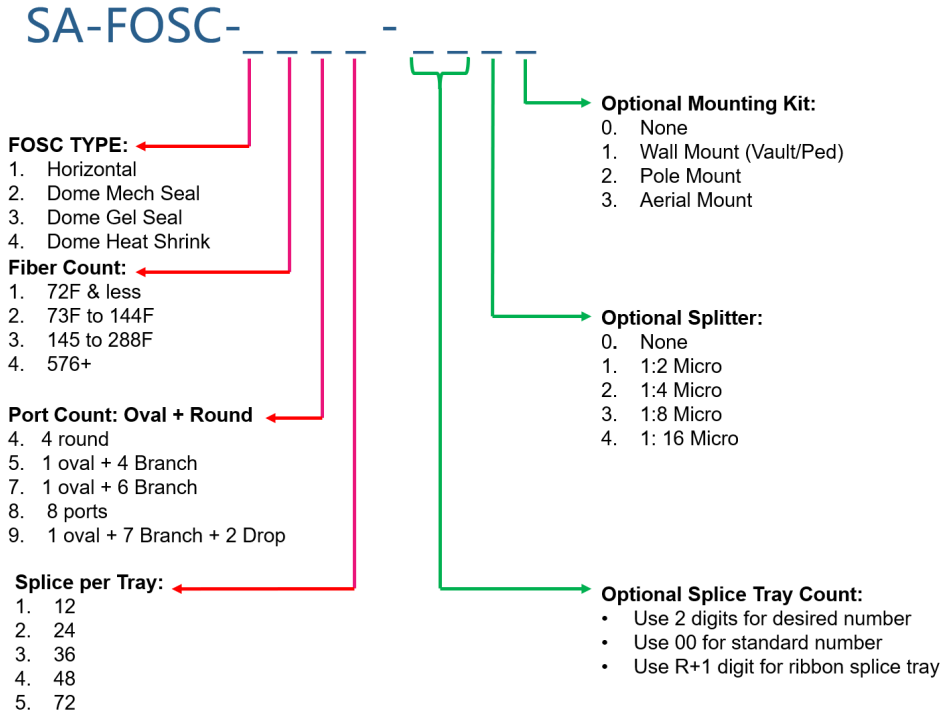
e.g.

Part Number	Description
SA-FOSC-4475-0000	Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 6 round ports. Maximum 576f single fiber splice capacity. 6 trays @ 72f splice capacity.
SA-FOSC-4475-0001	Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 6 round ports. Maximum 576f single fiber splice capacity. 6 trays @ 72f splice capacity. With wall mount kit.
SA-FOSC-4475-0002	Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 6 round ports. Maximum 576f single fiber splice capacity. 6 trays @ 72f splice capacity. With pole mount kit.
SA-FOSC-4475-0003	Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 6 round ports. Maximum 576f single fiber splice capacity. 6 trays @ 72f splice capacity. With aerial mount kit.

Additional Accessories Order Information

Part Number	Description
SA-FOSC-4475-ACC-0001	additional Wall Mounting Kit for this FOSC
SA-FOSC-4475-ACC-0002	additional Pole Mounting Kit for this FOSC
SA-FOSC-4475-ACC-0003	additional Aerial Mounting Kit for this FOSC
SA-FOSC-4475-ACC-0100	additional Fiber Splice Tray 72F single fiber fusion for this FOSC
SA-FOSC-4475-ACC-R100	additional Fiber Splice Tray 432F ribbon fiber fusion (42 ribbons) for this FOSC