# SA-FOSC-4282

## Fiber Optic Splice Closure specification

### Description

SureAlign SA-FOSC-4282 type of FOSC is designed for connection and protection of fiber cables. This model has one oval port and seven 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. It applies to any sort of cables (loose tube, skeleton, ribbon etc.)

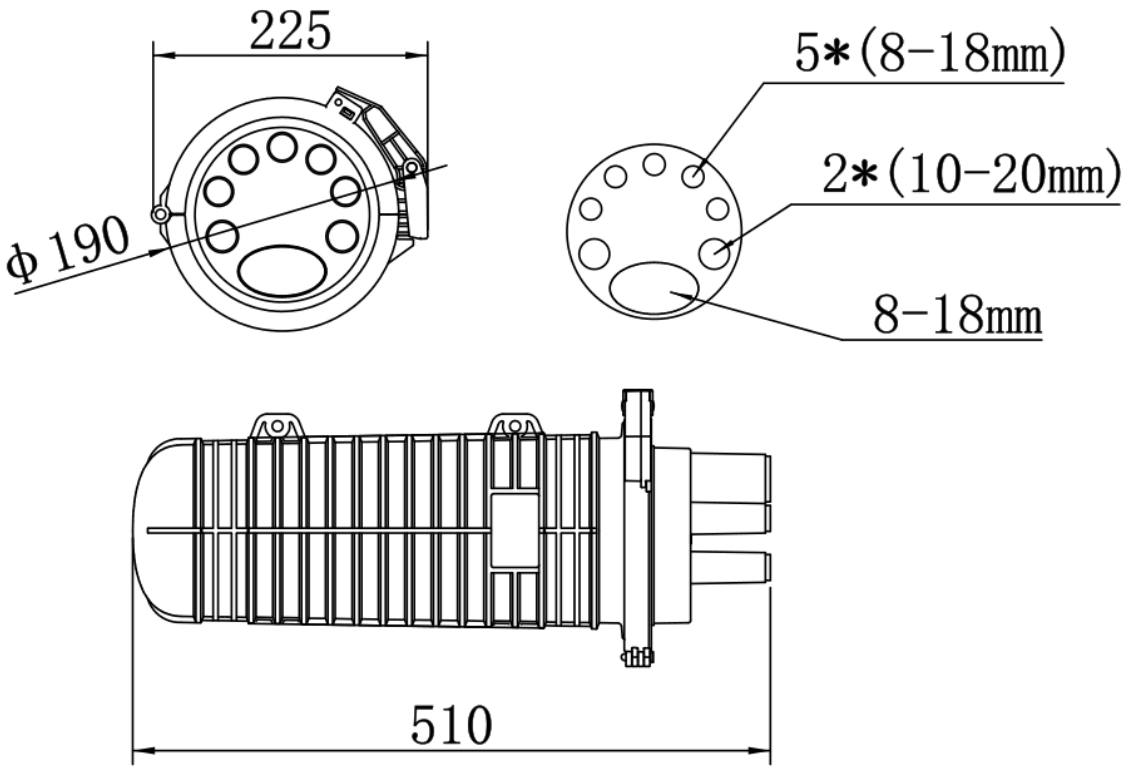
### Features

- Cable diameter: 1 uncut port meet Φ8～18mm cable, 5 branch ports meet Φ8～18mm cable, 2 branch ports meet Φ10～20mm cable.
- Capacity: max capacity is up to 144F. Each tray supports 24F.
- Installation method: wall-mounted, pole mounted, manhole and direct burial mounted.
- Closure body is made of polymer modified materials, not only good sealing performance but also durable and user-friendly.
- Sealing: heat shrink sealed is used for cable ports, the waterproof level is IP68.

## Specifications

| Technical Specification | | | |
|---|---|---|---|
| Style | Dome | | |
| Dimensions(mm) | 510×φ190 mm | | |
| Weight (kg) | 2.5 | | |
| Material | PP+GF | | |
| Sealing Type | Heat Shrink | | |
| Protection Grade | IP68 | | |
| Cable ports | Oval port | 1 | Φ8mm～18mm |
| | Round port | 7 | Φ8mm～18mm |
| Closure Max Capacity | Single fiber splicing | | 144f |
| Splice Tray Capacity | Single fiber splicing per tray | | 24f |
| Max No. tray installed | 6 pcs | | |
| Installation | Aerial / Wall/ Pole / Manhole mounted | | |

## Structure Drawings



## Installation Drawing

## Accessory list

Standard accessories

| Item | Description | Qty | Picture |
|---|---|---|---|
| 1 | Big heat shrink tube | 1 pc | |
| 2 | Small heat shrink tube | 7 pcs | |
| 3 | Branch kit | 1 pc | |
| 4 | Insulation tap | 1 roll | |
| 5 | Splicing protective tube | 1 bag | |
| 6 | Nylon cable tie | 1 bag | |
| 7 | Installation manual | 1 set | |
| 8 | EVA tube | 1 roll | |
| 9 | Desiccant | 1 pc | |
| 10 | Clean paper | 1 pc | |
| 12 | Ground lead | 1 set | |

Optional accessories

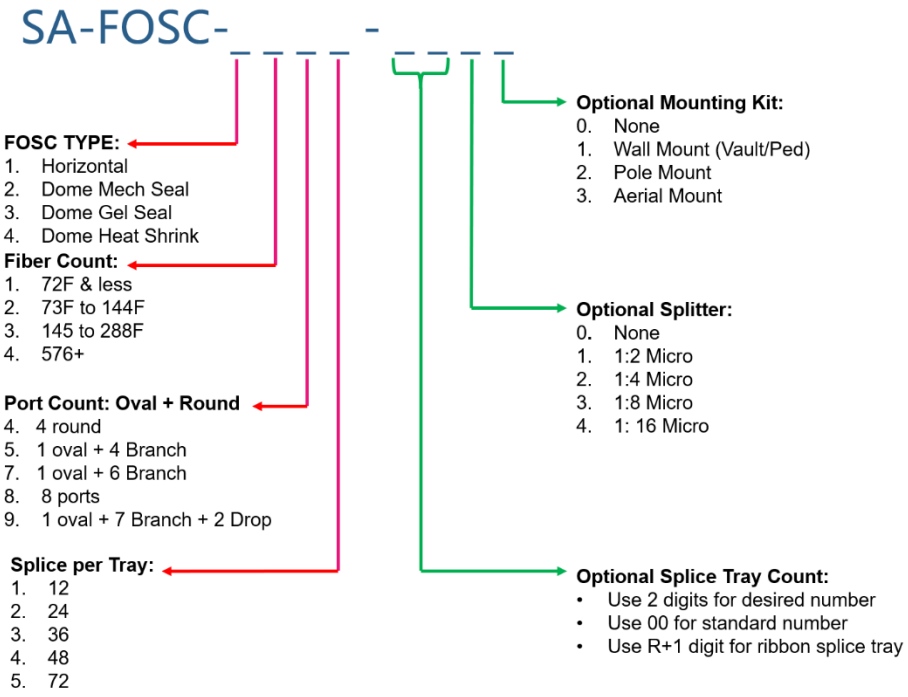
| Item | Description | Qty | Picture |
|---|---|---|---|
| 1 | Air Valve | 1 set | |
| 2 | Sealing kits | As require | |

| | | | |
|---|---|---|---|
| 3 | Aerial mounting fittings | 1 set | |
| 4 | Pole mounting fittings | 1 set | |
| 5 | Wall mounting fittings | 1 set | |

## Packaging information

| Product Dimension | Gift Box Dimension | Outer carton Dimension |
|---|---|---|
| 510×φ190 mm | 523*230*210 mm (1 pcs) | 540*480*450mm (4pcs) |

## Kit Order Information




**e.g.**

| Part Number | Description |
|---|---|
| SA-FOSC-4282-0000 | Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 7 round ports. Maximum 144f single fiber splice capacity. 6 trays @ 24f splice capacity. |
| SA-FOSC-4282-0001 | Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 4 round ports. Maximum 144f single fiber splice capacity. 6 trays @ 24f splice capacity. With wall mount kit. |
| SA-FOSC-4282-0002 | Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 7 round ports. Maximum 144f single fiber splice capacity. 6 trays @ 24f splice capacity. With pole mount kit. |

| | |
|---|---|
| SA-FOSC-4282-0003 | Dome Type Fiber Optic Splice Closure, Heat Shrink, IP68 grade, 1 oval port + 7 round ports. Maximum 144f single fiber splice capacity. 6 trays @ 24f splice capacity. With aerial mount kit. |

## Additional Accessories Order Information

| Part Number | Description |
|---|---|
| SA-FOSC-4282-ACC-0001 | additional Wall Mounting Kit for this FOSC |
| SA-FOSC-4282-ACC-0002 | additional Pole Mounting Kit for this FOSC |
| SA-FOSC-4282-ACC-0003 | additional Aerial Mounting Kit for this FOSC |
| SA-FOSC-4282-ACC-0100 | additional Fiber Splice Tray 24F single fiber fusion for this FOSC |

Provided by: Mega Hertz | 800-883-8839 | info@go2mhz.com | www.go2mhz.com

https://www.go2mhz.com/product/fiber-optic-splice-closure/