



FOSC® 450 A4 Fiber Optic Splice Closure, Gel Cable sealing, one pre-installed 12-splice tray, 2 cable attachments, one ground feedthrough lug, with test valve

- Single-ended, O-ring sealed dome closure for splicing feeder and distribution cables
- Gel cable sealing technology allows easy adding or removing of a wide size range of cables
- Compatible with most common cable types: e.g. loose tube, central core, ribbon fiber
- FOSC splice trays hinged for access to any splice without disturbing other trays
- Closure can be used in aerial, pedestal and underground (up to 5 meters) environments
- Compatible with CommScope's CWDM modules and optical splitter trays

Product Classification

|                       |                                   |
|-----------------------|-----------------------------------|
| Regional Availability | Latin America   North America     |
| Product Type          | Single-ended, round fiber closure |
| Product Brand         | FOSC®                             |
| Product Series        | FOSC 450                          |

General Specifications

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Cable Entry Drop Port Style             | Round                          |
| Cable Entry Main Port Style             | Round                          |
| Cable Ports Quantity, total             | 4 round ports                  |
| Cable Sealing Type                      | Compressed gel                 |
| Closure Sealing Type                    | Dome-to-base clamp with O-ring |
| Closure Style                           | Single-ended                   |
| Color                                   | Black                          |
| Fiber Storage Basket Type               | A4 standard size               |
| Flash Test Valve                        | Pre-installed                  |
| Ground Feed-through                     | Included                       |
| Mounting                                | Pole   Strand   Wall           |
| Network Area Type                       | Feeder                         |
| Splice Tray Included, quantity          | 1                              |
| Splice Tray Type Included               | 12-way, heat shrink            |
| Splicing Capacity, Mass Fusion, maximum | 144                            |
| Splicing Capacity, maximum              | 144                            |

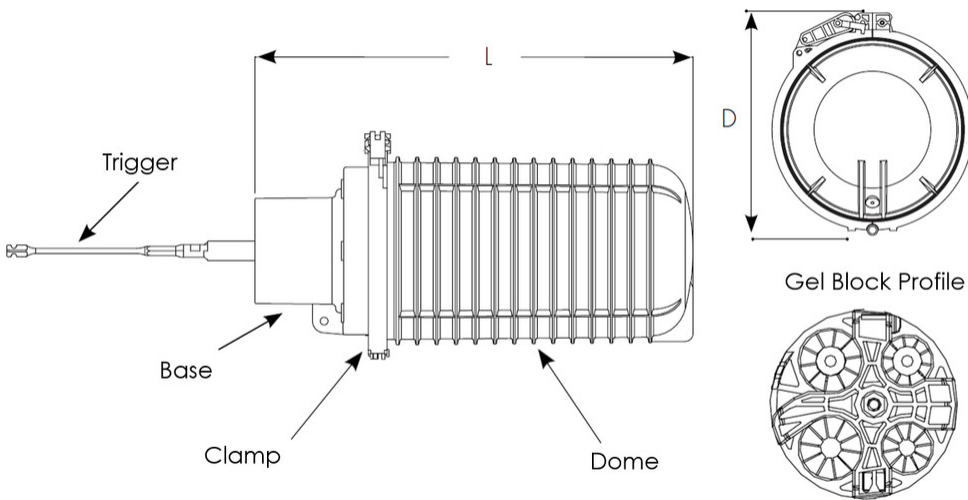
# F99549-000 | FOSC450-A4-2-12-1-A1V

|                                                      |                             |
|------------------------------------------------------|-----------------------------|
| Splicing Capacity, Single Fusion, maximum            | 96                          |
| Splicing Capacity, Single Splice, 12 fibers, maximum | 96                          |
| Splicing Capacity, Single Splice, 6 fibers, maximum  | 48                          |
| Splicing Type, Supported                             | Mass fusion   Single fusion |

## Dimensions

|                              |                    |
|------------------------------|--------------------|
| Length                       | 485 mm   19.094 in |
| Diameter                     | 150 mm   5.906 in  |
| Diameter, with clamp         | 205 mm   8.071 in  |
| Main Cable Diameter, maximum | 25 mm   0.984 in   |

## Dimension Drawing



## Ordering Tree

# F99549-000 | FOSC450-A4-2-12-1-A1V



## Material Specifications

**Material Type** Impact-resistant polymer

## Environmental Specifications

**Environmental Space** Below ground | Buried

**Qualification Standards** IEC 61300, 5 m waterhead

**Water Resistance** Flash test valve at 5 psi (40 kPa)

## Packaging and Weights

**Packaging quantity** 1

**Packaging Type** Box | Carton

**Weight, net** 2.72 kg | 5.997 lb

Regulatory Compliance/Certifications

| Agency        | Classification                                                                                                                 |
|---------------|--------------------------------------------------------------------------------------------------------------------------------|
| CHINA-ROHS    | Below maximum concentration value                                                                                              |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system                                                 |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant                                                                                                                      |
| UK-ROHS       | Compliant                                                                                                                      |

