

### FOSC® 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, one preinstalled 36-splice tray, 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             | 6 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               | D6 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               | 36-way, heat shrink               |
| Splicing Capacity, Mass Fusion, maximum | 3456                              |
| Splicing Capacity, maximum              | 3456                              |
|   |                                   |

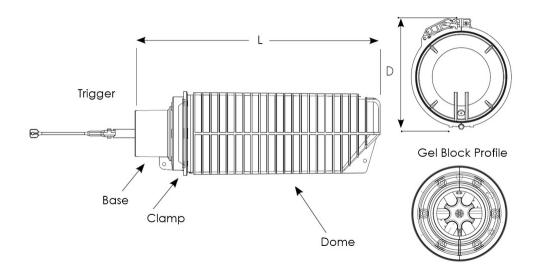
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| Splicing Capacity, Single Fusion, maximum            | 768                         |
|--|-----------------------------|
| Splicing Capacity, Single Splice, 12 fibers, maximum | 576                         |
| Splicing Capacity, Single Splice, 6 fibers, maximum  | 288                         |
| Splicing Type, Supported                             | Mass fusion   Single fusion |
| Dimensions   |                             |
| Length   | 753 mm   29.646 in          |
| Diameter   | 254 mm   10 in              |
| Diameter, with clamp                                 | 292 mm   11.496 in          |
| Main Cable Diameter, maximum                         | 25 mm   0.984 in            |

## Dimension Drawing



## Ordering Tree

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#### FOSC 450 - XX - X - XX - X - X X X **Closure Size (inches)** Valve for Flash Testing A4 4 cable entry ports; 8 dia. x 19 long V Valve (standard) BS 6 cable entry ports; 9 dia. x 19.5 long N No Valve Note: We recommend flash test valves for FOSC closures. However, non-valved closures are available upon request. B6 6 cable entry ports; 10 dia.x24 long C6 6 cable entry ports; 11.5 dia. x 23 long 6 cable entry ports; 11.5 dia. x 30 long Number of Ground Feed-through Lugs Termination Hardware Quantity for the Kit No grounding 1 ground feed-through lug (A4 only, N/A for BS) 2 cable attachments included 4 cable attachments included 3 ground feed-through lugs (B6, C6, and D6 closures only, N/A for BS) 6 cable attachments included (N/A for A size) 6 ground feed-through lugs (C6 and D6 closure only, N/A for BS) Note: FEG and MEG kits provide optional ground isolation for FOSC 450 closures. Capacity and Type of Splice Tray NT No tray installed in factory **Slack Basket Type** A, B, or C tray with two SM6 splice modules N No Basket A, B, or C tray with two SM12 splice modules A4 Standard Size B6. BS Standard Size 36 D tray with six SM6 splice modules C6 Standard Size 72\* D tray with six SM12 splice modules D D6 Standard Size A, B size ribbon tray (accommodates Special Bulkhead Basket arrangement for B, BS closures only 12 ribbons/144 fibers) R2 D size ribbon tray (24 ribbons/288 fibers) T Tall Size R3 C size ribbon tray (18 ribbons/216 fibers) S Stackable Trays in D Closure Stackable single fusion trays (12 splices) Dsize closures with "N" option include backbone used to route ribbon trays. A and Bsize closures include storage "socks". \*Note: SMOUV (1120-01) splice protection sleeves are highly recommended for use with SM12 splice modules. Quantity of Splice Trays Factory Installed Choose either "0" trays (no trays installed) or "1" tray installed. Additional trays sold separately.

## Material Specifications

**Material Type** 

### **Environmental Specifications**

**Environmental Space** 

**Qualification Standards** 

Water Resistance

### Packaging and Weights

| Packaging quantity | 1                   |
|--------------------|---------------------|
| Packaging Type     | Box   Carton        |
| Weight, net        | 9.07 kg   19.996 lb |

Impact-resistant polymer

Below ground | Buried

IEC 61300, 5 m waterhead

Flash test valve at 5 psi (40 kPa)

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## Regulatory Compliance/Certifications

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| 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 www.commscope.com/ProductCompliance          |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |
|               |  |



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