

### FOSC® 450 B6 Fiber Optic Splice Closure, Gel Cable sealing, no preinstalled tray, 4 cable attachments, 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**

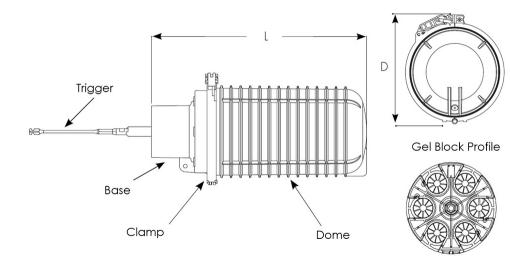
| Product TypeSingle-ended, round fiber closureProduct BrandFOSC®Product SeriesFOSC 450General SpecificationsFosc 450 |
|---|
| Product Series FOSC 450   |
|   |
| General Specifications  |
|   |
| Cable Entry Drop Port Style Round   |
| Cable Entry Main Port StyleRound  |
| Cable Ports Quantity, total6 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 TypeB6, BS standard size   |
| Flash Test Valve Pre-installed  |
| Ground Feed-through None  |
| Mounting Pole   Strand   Wall   |
| Network Area Type Feeder  |
| Splice Tray Included, quantity 0  |
| Splice Tray Type Included No trays  |
| Splicing Capacity, Mass Fusion, maximum 288   |
| Splicing Capacity, Single Fusion, maximum 144   |

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| Splicing Capacity, Single Splice, 12 fibers, maximum | 144                         |
|--|-----------------------------|
| Splicing Capacity, Single Splice, 6 fibers, maximum  | 72                          |
| Splicing Type, Supported                             | Mass fusion   Single fusion |
| Dimensions   |                             |
| Length   | 610 mm   24.016 in          |
| Diameter   | 254 mm   10 in              |
| Diameter, with clamp                                 | 291 mm   11.457 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) D size ribbon tray (24 ribbons/288 fibers) T Tall Size C size ribbon tray (18 ribbons/216 fibers) S Stackable Trays in D Closure Stackable single fusion trays (12 splices) Disize closures with "N" option include backbone used to route ribbons to ribbon trays. A and B-size 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

Weight, net

| 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        |                                    |
| Included                     | Cable blocking components          |
| Packaging quantity           | 1                                  |
| Packaging Type               | Box   Carton                       |

5.9 kg | 13.007 lb

Impact-resistant polymer

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## Regulatory Compliance/Certifications

#### Agency

#### Classification

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



Below maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant

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