# EE425Q-000 | FOSC450-C6-6-R3-1-COV



# FOSC® 450 C6 Fiber Optic Splice Closure, Gel Cable sealing, pre-installed C ribbon tray, 6 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

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	C6 standard size
Flash Test Valve	Pre-installed
Ground Feed-through	None
Mounting	Pole   Strand   Wall
Network Area Type	Feeder
Splice Tray Included, quantity	1
Splice Tray Type Included	12-way, ribbon
Splicing Capacity, Mass Fusion, maximum	1152
Splicing Capacity, maximum	1152

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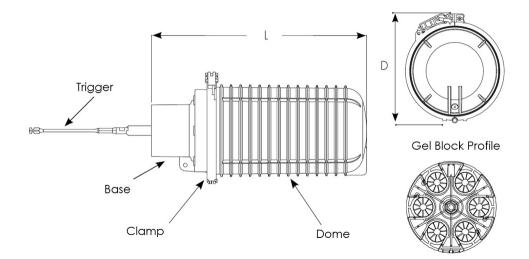
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Splicing Capacity, Single Fusion, maximum	288
Splicing Capacity, Single Splice, 12 fibers, maximum	192
Splicing Capacity, Single Splice, 6 fibers, maximum	96
Splicing Type, Supported	Mass fusion   Single fusion
Dimensions	
Length	584.2 mm   23 in
Diameter	254 mm   10 in
Diameter, with clamp	292 mm   11.496 in

25 mm | 0.984 in

Main Cable Diameter, maximum

### 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 2 cable attachments included 4 cable attachments included 6 cable attachments included (N/A for A size) Capacity and Type of Splice Tray NT No tray installed in factory A, B, or C tray with two SM6 splice modules A, B, or C tray with two SM12 splice modules 36 D tray with six SM6 splice modules 72\* D tray with six SM12 splice modules A, B size ribbon tray (accommodates 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) Size 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

#### **Environmental Specifications**

**Environmental Space** 

**Oualification Standards** 

Water Resistance

#### Packaging and Weights

Packaging quantity	1
Packaging Type	Box   Carton
Weight, net	7.26 kg   16.006 lb

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Impact-resistant polymer

Below ground | Buried

Flash test valve at 5 psi (40 kPa)

0 No grounding 1 ground feed-through lug (A4 only, N/A for BS) 3 ground feed-through lugs (B6, C6, and D6 closures only, N/A for BS) 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. **Slack Basket Type** N No Basket A4 Standard Size B6. BS Standard Size

### C6 Standard Size D D6 Standard Size Special Bulkhead Basket arrangement for B, BS closures only

IEC 61300, 5 m waterhead

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### Regulatory Compliance/Certifications

Agency
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#### 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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