

# 54959M-000 | FOSC450-B6-6-12-4-B3V



FOSC® 450 B6 Fiber Optic Splice Closure, Gel Cable sealing, four pre-installed 12-splice trays, 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

<b>Regional Availability</b>	Latin America   North America
<b>Product Type</b>	Single-ended, round fiber closure
<b>Product Brand</b>	FOSC®
<b>Product Series</b>	FOSC 450

## General Specifications

<b>Cable Entry Drop Port Style</b>	Round
<b>Cable Entry Main Port Style</b>	Round
<b>Cable Ports Quantity, total</b>	6 round ports
<b>Cable Sealing Type</b>	Compressed gel
<b>Closure Sealing Type</b>	Dome-to-base clamp with O-ring
<b>Closure Style</b>	Single-ended
<b>Color</b>	Black
<b>Fiber Storage Basket Type</b>	B6, BS standard size
<b>Flash Test Valve</b>	Pre-installed
<b>Ground Feed-through</b>	Included
<b>Mounting</b>	Pole   Strand   Wall
<b>Network Area Type</b>	Feeder
<b>Splice Tray Included, quantity</b>	4
<b>Splice Tray Type Included</b>	12-way, heat shrink
<b>Splicing Capacity, Mass Fusion, maximum</b>	288
<b>Splicing Capacity, Single Fusion, maximum</b>	144

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<b>Splicing Capacity, Single Splice, 12 fibers, maximum</b>	144
<b>Splicing Capacity, Single Splice, 6 fibers, maximum</b>	72
<b>Splicing Type, Supported</b>	Mass fusion   Single fusion

## Dimensions

<b>Length</b>	610 mm   24.016 in
<b>Diameter</b>	254 mm   10 in
<b>Diameter, with clamp</b>	291 mm   11.457 in
<b>Main Cable Diameter, maximum</b>	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)**

A4	4 cable entry ports; 8 dia. x 19 long
BS	6 cable entry ports; 9 dia. x 19.5 long
B6	6 cable entry ports; 10 dia. x 24 long
C6	6 cable entry ports; 11.5 dia. x 23 long
D6	6 cable entry ports; 11.5 dia. x 30 long

**Termination Hardware Quantity for the Kit**

2	2 cable attachments included
4	4 cable attachments included
6	6 cable attachments included (N/A for A size)

**Capacity and Type of Splice Tray**

NT	No tray installed in factory
12	A, B, or C tray with two SM6 splice modules
24*	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
R1	A, B size ribbon tray (accommodates 12 ribbons/144 fibers)
R2	D size ribbon tray (24 ribbons/288 fibers)
R3	C size ribbon tray (18 ribbons/216 fibers)
SF	Stackable single fusion trays (12 splices)

\*Note: SMOUV (1120-01) splice protection sleeves are highly recommended for use with SM12 splice modules.

**Quantity of Splice Trays Factory Installed**

0 or 1 is standard	Choose either "0" trays (no trays installed) or "1" tray installed. Additional trays sold separately.
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**Valve for Flash Testing**

V	Valve (standard)
N	No Valve

Note: We recommend flash test valves for FOSC closures. However, non-valved closures are available upon request.

**Number of Ground Feed-through Lugs**

0	No grounding
1	1 ground feed-through lug (A4 only, N/A for BS)
3	3 ground feed-through lugs (B6, C6, and D6 closures only, N/A for BS)
6	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
A	A4 Standard Size
B	B6, BS Standard Size
C	C6 Standard Size
D	D6 Standard Size
E	Special Bulkhead Basket arrangement for B, BS closures only
T	Tall Size
S	Stackable Trays in D Closure

Note: D-size closures with "N" option include backbone used to route ribbons to ribbon trays. A and B-size closures include storage "socks".

## 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

**Included**

Cable blocking components

**Packaging quantity**

1

**Packaging Type**

Box | Carton

**Weight, net**

5.9 kg | 13.007 lb

Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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

