# <u>C62943-000 | FOSC450-D6-6-72-1-D3V</u>



FOSC® 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, one preinstalled 72-splice tray, 6 cable attach., three ground feedthrough lugs, 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	72-way, heat shrink
Splicing Capacity, Mass Fusion, maximum	3456
Splicing Capacity, maximum	3456

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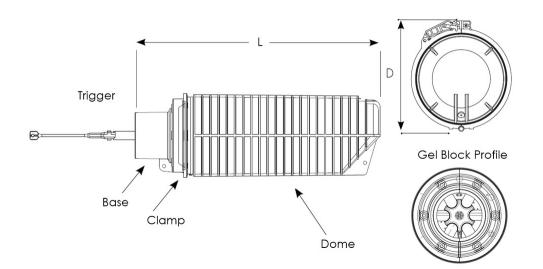
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Splicing Capacity, Single Fusion, maximum	768
Splicing Capacity, Single Splice, 12 fibers, maximum	576
Splicing Capacity, Single Splice, 6 fibers, maximum	288
Splicing Type, Supported	Mass fusion   Single fusion
Dimensions	
Length	753 mm   29.646 in
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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### C62943-000 | FOSC450-D6-6-72-1-D3V

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.

 
 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 40 closures.

> Special Bulkhead Basket arrangement for B, BS closures only

> > Impact-resistant polymer

Below ground | Buried

IEC 61300, 5 m waterhead

Flash test valve at 5 psi (40 kPa)

Number of Ground Feed-through Lugs

No grounding

Slack Basket Type

T Tall Size

A A4 Standard Size B B6, BS Standard Size C C6 Standard Size D D6 Standard Size

S Stackable Trays in D Closure te: Dsize closures with "N" option include backbane used to route ribbans to ribban trays. A and Bsize closures include storage "socks".

#### FOSC 450 - XX - X - XX - X - X X X

<b>Closure Size</b> (inches)
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	4 cable entry ports; 8 dia. x 19 long	<u> </u>	
	6 cable entry ports; 9 dia. x 19.5 long		
	6 cable entry ports; 10 dia. x 24 long		
	6 cable entry ports; 11.5 dia. x 23 long		
	6 cable entry ports; 11.5 dia. x 30 long		
mine	ntion Hardware Quantity for the Kit		
2	2 cable attachments included		
	4 cable attachments included		
	6 cable attachments included (N/A for A size)		
	No tray installed in factory		
	No tray installed in tactory A, B, or C tray with two SM6 splice modules		
	A, B, or C tray with two SM12		
	splice modules		
	D tray with six SM6 splice modules		
	D tray with six SM6 splice modules		
	D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates		
	D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates 12 ribbons/144 fibers)		
	D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates 12 ribbons/144 fibers) D size ribbon tray (24 ribbons/288 fibers)		
36 '2* R1 R2 R3 SF	D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates 12 ribbons/144 fibers) D size ribbon tray (24 ribbons/288 fibers) C size ribbon tray (18 ribbons/216 fibers)		
36 "2* R1 R2 R3 SF SF re	D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates 12 ribbons/144 fibers) D size ribbon tray (24 ribbons/288 fibers) C size ribbon tray (18 ribbons/216 fibers) Stackable single fusion trays (12 splices) VOUV (112001) splice protection skews are highly		

#### 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

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## <u>C62943-000 | F0SC450-D6-6-72-1-D3V</u>

### 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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