

FOSC® 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, one preinstalled 48-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

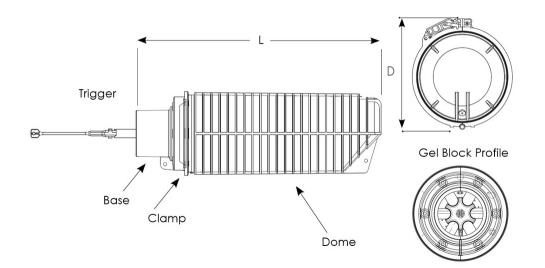
Regional Availability	Latin America North America			
Product Type	Single-ended, round fiber closure			
Product Brand	FOSC®			
Product Series	FOSC 450			
General Specifications				
Cable Entry Drop Port Style	Round			
Cable Entry Main Port Style	Round			
Cable Ports Quantity, total	6 round ports			
Cable Sealing Type	Compressed gel			
Closure Sealing Type	Dome-to-base clamp with O-ring			
Closure Style	Single-ended			
Color	Black			
Fiber Storage Basket Type	No basket			
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	48-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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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

0 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

Closure Size (inches

0070		
	4 cable entry ports; 8 dia. x 19 long]
	6 cable entry ports; 9 dia. x 19.5 long	
B6	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 cable attachments included	
	4 cable attachments included	
	6 cable attachments included (N/A for A size)	
	No tray installed in factory	
	A, B, or C tray with two SM6	
	splice modules	
	splice modules A, B, or C tray with two SM12	
	splice modules A, B, or C tray with two SM12 splice modules	
	splice modules A, B, or C tray with two SM12 splice modules D tray with six SM6 splice modules	
	splice modules A, B, or C tray with two SM12 splice modules D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates	
	splice modules A, B, or C tray with two SM12 splice modules D tray with six SM6 splice modules D tray with six SM12 splice modules A, B size ribbon tray (accommodates 12 ribbons/144 fibers)	
	splice modules A, B, or C tray with two SM12 splice modules 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)	
24* 36 22* R1 R2 R3 SF SF re	splice modules A, B, or C tray with two SM12 splice modules 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) WOW (112001) splice protection sleves are highly commanded for use with SM12 splice modules.	
24* 36 22* R1 R2 R3 SF SF re	splice modules A, B, or C tray with two SM12 splice modules 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) WOUV (112001) splice protection slewes 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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Regulatory Compliance/Certifications

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



