

# FOSC B 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, one pre-installed 72-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

Product TypeSingle-ended, round fiber closureProduct BrandFOSC®Product SeriesFOSC 450General SpecificationsRoundCable Entry Drop Port StyleRoundCable Entry Main Port StyleRoundCable Sealing TypeGround portsCable Sealing TypeCompressed gelClosure StyleSingle-endedClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFiash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area Type1Splice Tray Included, quantity1Splice Tray Included1152Splicing Capacity, Single Fusion, maximum576	Regional Availability	Latin America   North America		
Product SeriesFOSC 450General SpecificationsRoundCable Entry Drop Port StyleRoundCable Entry Main Port StyleRoundCable Ports Quantity, total6 round portsCable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with 0-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeDef standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area Type1Splice Tray Included, quantity1Splice Tray Strain (Mass Fusion, maximum)1152	Product Type	Single-ended, round fiber closure		
Cable Entry Drop Port StyleRoundCable Entry Main Port StyleRoundCable Entry Main Port StyleRoundCable Ports Quantity, totalGround portsCable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with 0-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Straige Fusion, maximum1152	Product Brand	FOSC®		
Cable Entry Drop Port StyleRoundCable Entry Main Port StyleRoundCable Ports Quantity, total6 round portsCable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with O-ringClosure StyleSingle-endedClorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area Type1Splice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkNetwork Area Strain Cable And Strain Cable An	Product Series	FOSC 450		
Cable Entry Main Port StyleRoundCable Ports Quantity, total6 round portsCable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with O-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	General Specifications			
Cable Ports Quantity, total6 round portsCable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with O-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Cable Entry Drop Port Style	Round		
Cable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with O-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplice Tray Type Included1152	Cable Entry Main Port Style	Round		
Closure Sealing TypeDome-to-base clamp with O-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Cable Ports Quantity, total	6 round ports		
Closure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Strain Fusion, maximum1152	Cable Sealing Type	Compressed gel		
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Fiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplice Tray Strain (Mass Fusion, maximum)1152	Closure Style	Single-ended		
Flash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Color	Black		
Ground Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Fiber Storage Basket Type	D6 standard size		
MountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Flash Test Valve	Pre-installed		
Network Area TypeFeederSplice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Ground Feed-through	None		
Splice Tray Included, quantity1Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Mounting	Pole   Strand   Wall		
Splice Tray Type Included72-way, heat shrinkSplicing Capacity, Mass Fusion, maximum1152	Network Area Type	Feeder		
Splicing Capacity, Mass Fusion, maximum 1152	plice Tray Included, quantity			
	Splice Tray Type Included	72-way, heat shrink		
Splicing Capacity, Single Fusion, maximum 576	Splicing Capacity, Mass Fusion, maximum	1152		
	Splicing Capacity, Single Fusion, maximum	576		

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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

Trigger Trigger Base Clamp Dome

Ordering Tree

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**COMMSCOPE**°

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 T T T T T V

<b>Closure Size</b> (inches)
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5016	size (inches)	
A4	4 cable entry ports; 8 dia. x 19 long	
	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	
D6	6 cable entry ports; 11.5 dia. x 30 long	
mine	ation 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	
	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	
2*	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)	
R3	C size ribbon tray (18 ribbons/216 fibers)	
	Stackable single fusion trays (12 splices)	
	MOUV (1120-01) splice protection sleeves are highly commended for use with SM12 splice modules.	
vanti	ty of Splice Trays Factory Installed	
	installed or trav installed	
	Additional trays sold separately.	

### 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

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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

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