

# FOSC 0 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, no pre-installed tray, with 2 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

Product TypeSingle-ended, round fiber closureProduct BrandFOSC®Product SeriesFOSC 450General SpecificationsRoundCable Entry Drop Port StyleRoundCable Ports Quantity, total6 round portsCable Sealing TypeCompressed gelClosure Sealing TypeSingle-endedClosure StyleSingle-endedFloer Strage Basket TypeDestandard sizeFlash Test ValvePre-installedMountingPole   Strand   WallMoutingPole   Strand   WallNetwork Area TypeNo traysSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Single Fusion, maximumS76	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-endedClosure StyleSingle-endedCloorBlackFiber Storage Basket TypeDef standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeGSplice Tray Included, quantity0Splice Tray Strand Fusion, maximum1152	Product Type	Single-ended, round fiber closure
Cable Entry Drop Port StyleRoundCable Entry Main Port StyleRoundCable Ports Quantity, totalG round portsCable Sealing TypeCompressed gelClosure StyleDome-to-base clamp with 0-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD 6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMuttingPole   Strand   WallSplice Tray Included, quantity0Splice Tray Straige Station, maximumNo traysSplicing Capacity, Mass 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 0-ringClosure StyleSingle-endedClorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area Type0Splice Tray Included, quantity0Splice Tray Type IncludedNotraysSplice Tray Style Station, maximum1152	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, quantity0Splice Tray Type IncludedNo traysSplicing 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, quantity0Splice Tray Type IncludedNo traysSplicing 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, quantityOSplice Tray Type IncludedNot raysSplicing Capacity, Mass Fusion, maximum1152	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, quantity0Splice Tray Type IncludedNo traysSplicing 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, quantity0Splice Tray Strand Fusion, maximum1152	Cable Sealing Type	Compressed gel
ColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Strand FuelowNot raysSplice Tray Strand FuelowNot raysSplice Tray Strand FuelowStrand FuelowSplice Tray Strain Strain MaximumStrain Strain Str	Closure Sealing Type	Dome-to-base clamp with O-ring
Fiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Closure Style	Single-ended
Flash Test ValvePre-installedGround Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Color	Black
Ground Feed-throughNoneMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Fiber Storage Basket Type	D6 standard size
MountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Flash Test Valve	Pre-installed
Network Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Ground Feed-through	None
Splice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Mounting	Pole   Strand   Wall
Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Network Area Type	Feeder
Splicing Capacity, Mass Fusion, maximum 1152	Splice Tray Included, quantity	0
	Splice Tray Type Included	No trays
Splicing Capacity, Single Fusion, maximum 576	Splicing Capacity, Mass Fusion, maximum	1152
	Splicing Capacity, Single Fusion, maximum	576

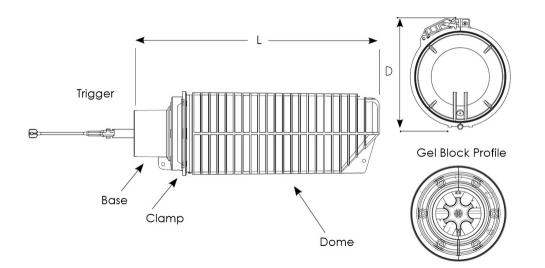
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Splicing Capacity, Single Splice, 12 fibers, maximum	576
Splicing Capacity, Single Splice, 6 fibers, maximum	288
Splicing Type, Supported	Mass fusion   Single fusion
Dimensions	
Length	753 mm   29.646 in
Diameter	254 mm   10 in
Diameter, with clamp	292 mm   11.496 in
Main Cable Diameter, maximum	25 mm   0.984 in

## Dimension Drawing



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 No grounding 1 ground feed-through lug (A4 only, N/A for BS) 2 cable attachments included 4 cable attachments included 3 ground feed-through lugs (B6, C6, and D6 closures only, N/A for BS) 6 cable attachments included (N/A for A size) 6 ground feed-through lugs (C6 and D6 closure only, N/A for BS) Capacity and Type of Splice Tray Note: FEG and MEG kits provide optional ground isolation for FOSC 450 closures. NT No tray installed in factory **Slack Basket Type** A, B, or C tray with two SM6 splice modules N No Basket A, B, or C tray with two SM12 splice modules A4 Standard Size B6. BS Standard Size 36 D tray with six SM6 splice modules C6 Standard Size 72\* D tray with six SM12 splice modules D D6 Standard Size A, B size ribbon tray (accommodates Special Bulkhead Basket arrangement for B, BS closures only 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** 

**Qualification Standards** 

Water Resistance

### Packaging and Weights

Packaging quantity	1
Packaging Type	Box   Carton
Weight, net	9.07 kg   19.996 lb

Impact-resistant polymer

Below ground | Buried

IEC 61300, 5 m waterhead

Flash test valve at 5 psi (40 kPa)

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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



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