# <u>C32954-000 | F0SC450-D6-6-NT-0-D3V</u>



FOSC® 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, no preinstalled 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

Product TypeSingle-ended, round fiber closureProduct BrandFOSC®Product SeriesFOSC 450General SpecificationsRoundCable Entry Drop Port StyleRoundCable Entry Main Port StyleRoundCable Sealing TypeCompressed gelClosure Sealing TypeDome-to-base clamp with O-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeDof standard sizeFiber Storage Basket TypePre-installedGround Feed-throughIncludedMountingPole   Strand   WallNetwork Area Type0Splice Tray Included, quantity0Splice Tray Included, Type Fusion, maximumTI52Splicing Capacity, Single Fusion, maximumStra	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-throughIncludedMountingPole   Strand   WallNetwork Area TypeSederSplice Tray Included, quantity0Splice Tray Strand Fusion, maximum1152	Product Type	Single-ended, round fiber closure				
Cable Entry Drop Port StyleRoundCable Entry Main 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-installedMountingNole   Strand   WallNetwork Area TypePole   Strand   WallSplice Tray Included, quantity0Splice Tray Strange Sussen, 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-installedMountingPole   Strand   WallNetwork Area Type0Splice Tray Included, quantity0Splice Tray Type IncludedNo traysNetwork Area 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 0-ringClosure StyleSingle-endedColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughIncludedMountingPole   Strand   WallNetwork Area Type0Splice Tray Included, quantity0Splice Tray Type IncludedNotraysNetwork Area Strain (Mass Fusion, maximum)1152	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-throughIncludedMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantityOSplice Tray Type IncludedNo traysNetwork Area Station, 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-throughIncludedMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplice Tray Type IncludedIncludedSplice Tray Type Include	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-throughIncludedMountingPole   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-throughIncludedMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Cable Sealing Type	Compressed gel				
ColorBlackFiber Storage Basket TypeD6 standard sizeFlash Test ValveD7e-installedGround Feed-throughIncludedMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Support SupportNo traysSplicing Capacity, Mass Fusion, maximum1152	Closure Sealing Type	Dome-to-base clamp with O-ring				
Fiber Storage Basket TypeD6 standard sizeFlash Test ValvePre-installedGround Feed-throughIncludedMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Splice Tray Splice Mass Fusion, maximumNo traysSplice Tray Splice Type IncludedSplice Tray Splice Tray Splice Type Included	Closure Style	Single-ended				
Flash Test ValvePre-installedGround Feed-throughIncludedMountingPole   Strand   WallNetwork Area TypeFeederSplice Tray Included, quantity0Splice Tray Type IncludedNo traysSplicing Capacity, Mass Fusion, maximum1152	Color	Black				
Ground Feed-throughIncludedMountingPole   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	Included				
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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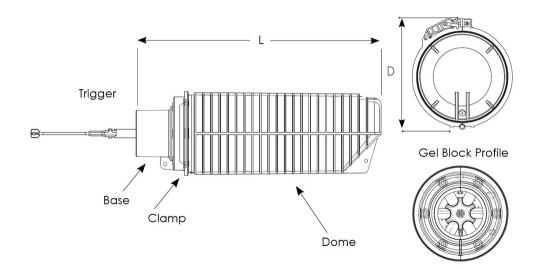
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## C32954-000 | FOSC450-D6-6-NT-0-D3V

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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## C32954-000 | FOSC450-D6-6-NT-0-D3V

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

A4	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.x24 long	
	6 cable entry ports; 11.5 dia. x 23 long	
	6 cable entry ports; 11.5 dia. x 30 long	
mine	tion Hardware Quantity for the Kit	
2	2 cable attachments included	
	4 cable attachments included	
	6 cable attachments included (N/A for A size)	
NT	y and Type of Splice Tray No tray installed in factory	
	A, B, or C tray with two SM6	
	and the second of the second	
	splice modules	
	splice modules A, B, or C tray with two SM12 splice modules	
	A, B, or C tray with two SM12	
	A, B, or C tray with two SM12 splice modules	
	A, B, or C tray with two SM12 splice modules D tray with six SM6 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	
	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)	
24* 36 72* R1 R2	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 72* R1 R2 R3 SF	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]	
24* 36 72* R1 R2 R3 SF SF cole: Sr re	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 (124 ribbons/288 fibers) C size ribbon tray (18 ribbons/216 fibers) Stackable single fusion trays (12 splices) VGUV (11200) splice protection skews are highly	

## V Valve (standard) N No Valve Note: We recommend flash test valves for FCSC closures. However, norwaled 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 1s provide optimal ground isolation for FCSC 450 closures. Slack Basket Type N No Basket A A 44 Standard Size C C6 Standard Size D D6 Standard Size D D6 Standard Size

Special Bulkhead Basket arrangement for B, BS closures only

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".

T Tall Size

## Material Specifications

Material Type

**Closure Size (inches)** 

#### Impact-resistant polymer

Below ground | Buried

IEC 61300, 5 m waterhead

Flash test valve at 5 psi (40 kPa)

#### **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



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