CK1615-000 | FOSC-450BS-4-24-4-BV-IN06



FOSC® 450 BS Fiber Optic Splice Closure, Gel Cable sealing, four preinstalled 24-splice trays, 4 cable attach.

- 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	Asia	
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	B6, BS standard size	
Mounting	Pole Strand Wall	
Network Area Type	rork Area Type Feeder	
Splice Tray Included, quantity	4	
Splice Tray Type Included	24-way, heat shrink	
Splicing Capacity, Mass Fusion, maximum	144	
Splicing Capacity, Single Fusion, maximum	144	
Splicing Capacity, Single Splice, 12 fibers, maximum	144	
Splicing Capacity, Single Splice, 6 fibers, maximum	72	

Page 1 of 3

©2022 CommScope, Inc. All rights reserved. All trademarks identified by ® or [™] are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: January 12, 2022



CK1615-000 | FOSC-450BS-4-24-4-BV-IN06

Splicing Type, Supported

Dimensions

Length

Diameter

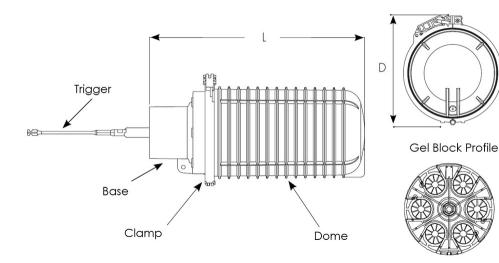
Diameter, with clamp

Main Cable Diameter, maximum

Dimension Drawing

Mass fusion | Single fusion

490 mm	I	19.291 in
180 mm	I	7.087 in
232 mm	I	9.134 in
25 mm	().984 in



Ordering Tree

Page 2 of 3

©2022 CommScope, Inc. All rights reserved. All trademarks identified by ® or ™ are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: January 12, 2022



CK1615-000 | FOSC-450BS-4-24-4-BV-IN06

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



- A 485 mm 4 round ports BS 485 mm - 6 round ports
- B6 625 mm 6 round ports
- D6 755 mm 6 round ports

Cable attachments

- 2 cable attachments included4 cable attachments included
- (only for A size) 6 6 cable attachments included

Type of splicing trays/number of splices per tray (1) NT If no trays need to be included

Closure	Tray Options	
size	Splices at tray edges	Splices in modules
A or BS	S08, S16, S24 A16, A24, 4R4	12, 16, 24, 24RS
B6	S12, S24 A24, 6R4	12, 16, 24, 24RS
D6		36, 48, 72, A72, S96, L96, A96, 96RS RT

Material Specifications

Material Type

Impact-resistant polymer

Valve for flash testing

V Valve

Ground feedthrough lugs
N No grounding

G 1 ground feed-through

(N/A for A and BS) 6 ground feed-through lugs

(only for D6 size)

N None (N/A for BS-size) B Basket for A, BS- and B6-size D Basket for D6-size T Tall basket for A or D6-size # Pre-installed trays 0-1... or 4 For A closures 0-1... or 6 For DS and B6 closures 0-1... or 8 For DS closures (2)

Basket type

3 3 ground feed-through lugs

(N/A for BS)

N No valve

Environmental Specifications

Environmental Space	Below ground Buried
Qualification Standards	IEC 61300, 5 m waterhead
Water Resistance	Flash test valve at 5 psi (40 kPa)
Packaging and Weights	

Packaging quantity	1
Packaging Type	Box Carton
Weight, net	4.54 kg 10.009 lb

Regulatory Compliance/Certifications

Agency

Classification

ISO 9001:2015 REACH-SVHC Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance



Page 3 of 3

