510487-000 | FOSC400-D5-72-1-BGV

FOSC® 400 D5 Fiber Optic Splice Closure, Heat Shrink Cable sealing, one pre-installed 72-splice tray, cable blocking, ground feedthrough lugs, with test valve

- Single-ended, O-ring sealed dome closure for splicing feeder and distribution 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 400

General Specifications

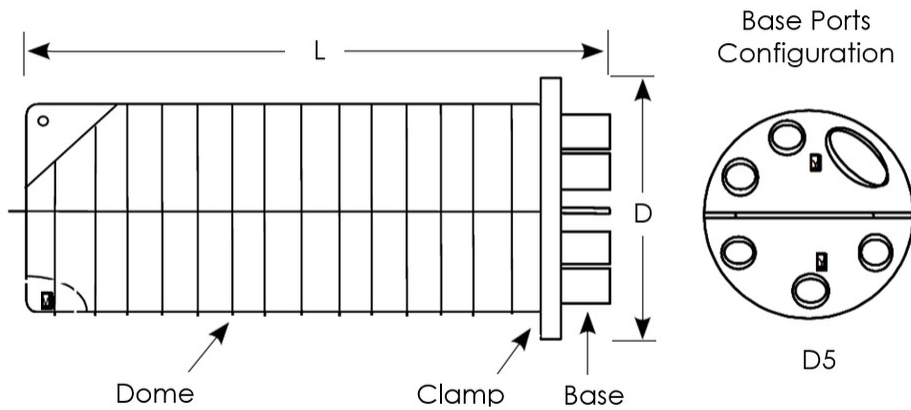|	
Cable Blocking Components	Included
Cable Entry Drop Port Style	Round
Cable Entry Main Port Style	Oval
Cable Ports Quantity, total	1 oval port (2 cables) + 5 round ports
Cable Sealing Type	Heat shrink
Closure Sealing Type	Dome-to-base clamp with O-ring
Closure Style	Single-ended
Color	Black
Flash Test Valve	Pre-installed
Ground Feed-through	Included
Mounting	Pole	Strand	Wall
Network Area Type	Feeder
Splice Tray Included, quantity	1
Splice Tray Type Included	72-way, heat shrink
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	710 mm	27.953 in
Diameter	240 mm	9.449 in
Diameter, with clamp	260 mm	10.236 in
Main Cable Diameter, maximum	25 mm	0.984 in

Dimension Drawing

Ordering Tree

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FOSC 400-XX-XX-X-XXX

Closure Size (inches)

A	8 dia. x 19 1/2 long
B	8 dia. x 25 long
C	11 1/2 dia. x 23 long
D	11 1/2 dia. x 31 long

Cable Entry Ports (in addition to oval port)
All closures include an oval port for pass through cables

2	B closure only
4	A and B closure only
5	C and D closure only
8	A closure only

Capacity (or type) of Splice Tray

12	A, B, or C tray w/two SM6 splice modules
24*	A, B or C tray w/two SM12 splice modules
36	D tray with six SM6 splice modules
72*	D tray with six SM12 splice modules
R1	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)
NT	No Trays

*Note: SMOUV (1120-01-US) splice protection sleeves
should be used with SM12 splice modules.

Valve for Flash Test

| V | Valve |
| N | No Valve |

Ground Feed-through Lugs

| G | Grounding |
| N | None |

Cable Blocking Components

| B | Blocking |
| N | None |

Number of Splice Trays

| 0 or 1 is standard |

Material Specifications

Material Type — Impact-resistant polymer

Environmental Specifications

Environmental Space — Below ground | Buried
Qualification Standards — IEC 61300, 6 m waterhead
Water Resistance — Flash test valve at 5 psi (40 kPa)

Packaging and Weights

Included — Cable blocking components
Packaging quantity — 1
Packaging Type — Box | Carton
Weight, net — 6 kg | 13.228 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

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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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