F2H Cap Type Fiber Optic Splice Closure(FOSC)

Description

Fiber optic closure is a passive component which can provide a great protection for fiber splicing point. Aerially assembling, pipeline assembling or buried underground are all available. Generally, closures have two types to face different situation: Cap(Vertical) Type and Half(Horizontal) type.

The Cap type closure is also called Vertical closure. The input and output ports are at the bottom of the closure. This closure type is more suitable for the application on accessing layer.The Half type closure is also called Horizontal closure. The input and output are on the both sides. This closure is more suitable for backbone application.

Grandway provides various shapes closure of both type. All the closures we offered are fully mechanical sealing structure which ensure a great sealing performance. High quality ABS material also ensure the durability no matter the closure is in air, in pipeline or buried under ground.

Fiber Optic Splice Closure:

A fiber optic splice closure is only for protecting interconnection of fibers. It does not combine the ability of optical splitting. Generally, The splicing tray offered as accessories has two types: single side 12 cores type and double sides 24 cores.

Features

- Vertical cap design
- Easy to assemble
- Only double sides splicing tray are allowed
- High Quality ABS body material ensure the durability Max 96 cores accessing for bunch-shape cable
- Total 5 holes for cable entrance and exits
- Suitable for Φ5mm~φ18mm cables
- Aerial, underground, pipeline, hand-holes assembling are available
- Adapt to the ambient temperature from -40℃ to +65℃
- All accessories can be customized

Specification

Model	F2H-FOSC-BDH-A4S24-4VG	F2H-FOSC-BDH-B5S24-4VG	F2H-FOSC-BDH-C5S48-6VG
Type	Cap type(Vertical type)	Cap type(Vertical type)	Cap type(Vertical type)
Outside dimension	440mm×φ190mm	420mm×φ190mm	490mm×φ220mm
Weight (excluding outside box)	2570g~2820g	2370g~2620g	3070g~3820g
Number of inlet/outlet ports	4 pieces	5 pieces	5 pieces
Diameter of fiber cable	Φ5mm~Φ25mm	Φ5mm~Φ25 mm	Φ5mm~Φ35mm
Capacity of FOSC	Bunchy: 24-96 (cores)	Bunchy: 12-96 (cores)	Bunchy: 12-288 (cores)
Body material	ABS	ABS	ABS
Assembling method	Aerial, Pipeline, Underground, hand-holes	Aerial, Pipeline, Underground, hand-holes	Aerial, Pipeline, Underground, hand-holes
Temperature	-40℃ to +65℃	-40℃ to +65℃	-40℃ to +65℃
Standard accessories	1*FOSC cover, 1*Fiber optic splice tray (FOST), n*Fiber holding tray, 1*Base, 1*Plastic hoop, 1*Seal fitting	1*FOSC cover, 1*Fiber optic splice tray (FOST), n*Fiber holding tray, 1*Base, 1*Plastic hoop, 1*Seal fitting	1*FOSC cover, 1*Fiber optic splice tray (FOST), n*Fiber holding tray, 1*Base, 1*Plastic hoop, 1*Seal fitting
Option	Pressure testing valve and Earthing deriving device(kit)		

Model	F2H-FOSC-BDH-D7S24-9VG	F2H-FOSC-BDM-A4S24-4VG	F2H-FOSC-BDM-B4S24-4VG
Type	Cap type(Vertical type)	Cap type(Vertical type)	Cap type(Vertical type)
Outside dimension	450mm×φ220mm	440mm×φ190mm	310mm×φ190mm
Weight (excluding outside box)	2870g~3620g	2670g~2900g	2100g~2380g
Number of inlet/outlet ports	7 pieces	4 pieces	4 pieces
Diameter of fiber cable	Φ5mm~Φ35mm	Φ5mm~Φ18 mm	Φ5mm~Φ17 mm
Capacity of FOSC	Bunchy: 12-240 (cores)	Bunchy: 12-96 (cores)	Bunchy: 12-48 (cores)
Body material	ABS	ABS	ABS
Assembling method	Aerial, Pipeline, Underground, hand-holes	Aerial, Pipeline, Underground, hand-holes	Aerial, Pipeline, Underground, hand-holes
Temperature	-40℃ to +65℃	-40℃ to +65℃	-40℃ to +65℃
Standard accessories	1*FOSC cover, 1*Fiber optic splice tray (FOST), n*Fiber holding tray, 1*Base, 1*Plastic hoop, 1*Seal fitting	1*FOSC cover, 1*Fiber optic splice tray (FOST), n*Fiber holding tray, 1*Base, 1*Plastic hoop, 1*Seal fitting, 4*Seal rings for inlet/outlet ports	1*FOSC cover, 1*Fiber optic splice tray (FOST), n*Fiber holding tray, 1*Base, 1*Plastic hoop, 1*Seal fitting, 4*Seal rings for inlet/outlet ports
Option	Pressure testing valve and Earthing deriving device(kit)		

FTTx Cable Management

Order Information

Part Number	Description
F2H-FOSC-BDH-A4S24-1VG	24-core, 4 ports
F2H-FOSC-BDH-A4S24-2VG	48-core, 4 ports
F2H-FOSC-BDH-A4S24-3VG	72-core, 4 ports
F2H-FOSC-BDH-A4S24-4VG	96-core, 4 ports

Part Number	Description
F2H-FOSC-BDH-B5S24-1VG	24-core, 5-port
F2H-FOSC-BDH-B5S24-2VG	48-core, 5-port
F2H-FOSC-BDH-B5S24-3VG	72-core, 5-port
F2H-FOSC-BDH-B5S24-4VG	96-core, 5-port

Part Number	Description
F2H-FOSC-BDH-C5S48-1VG	48-core, 5-port
F2H-FOSC-BDH-C5S48-2VG	96-core, 5-port
F2H-FOSC-BDH-C5S48-3VG	144-core, 5-port
F2H-FOSC-BDH-C5S48-4VG	192-core, 5-port
F2H-FOSC-BDH-C5S48-5VG	240-core, 5-port
F2H-FOSC-BDH-C5S48-6VG	288-core, 5-port

Part Number	Description
F2H-FOSC-BDH-D7S24-1VG	24-core, 7-port
F2H-FOSC-BDH-D7S24-2VG	48-core, 7-port
F2H-FOSC-BDH-D7S24-3VG	72-core, 7-port
F2H-FOSC-BDH-DTS24-4VG	96-core, 7-port
F2H-FOSC-BDH-D7S24-5VG	120-core, 7-port
F2H-FOSC-BDH-D7S24-6VG	144-core, 7-port
F2H-FOSC-BDH-D7S24-7VG	168-core, 7-port
F2H-FOSC-BDH-DTS24-8VG	192-core, 7-port
F2H-FOSC-BDH-D7S24-9VG	216-core, 7-port
F2H-FOSC-BDH-D7S24-10VG	240-core, 7-port

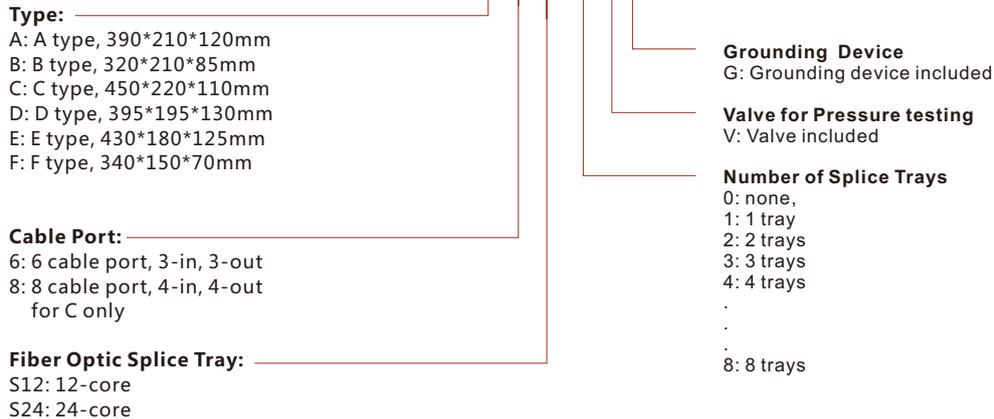| Part Number	Description
F2H-FOSC-BDM-A4S24-1VG	24-core, 4-port
F2H-FOSC-BDM-A4S24-2VG	48-core, 4-port
F2H-FOSC-BDM-A4S24-3VG	72-core, 4-port
F2H-FOSC-BDM-A4S24-4VG	96-core, 4-port

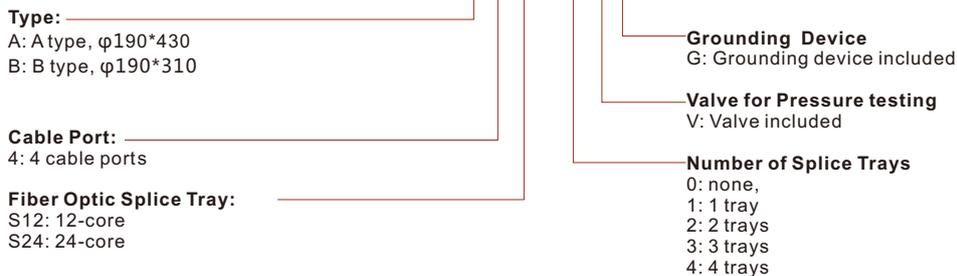| Part Number	Description
F2H-FOSC-BDM-B4S24-1VG	12-core, 4 ports
F2H-FOSC-BDM-B4S24-2VG	24-core, 4 ports
F2H-FOSC-BDM-B4S24-3VG	36-core, 4 ports
F2H-FOSC-BDM-B4S24-4VG	48-core, 4 ports

Ordering Information

Inline type Fiber Optic Splice Closure

F2H-FOSC- BIM - XXX-XXX

Type:
A: A type, 390*210*120mm
B: B type, 320*210*85mm
C: C type, 450*220*110mm
D: D type, 395*195*130mm
E: E type, 430*180*125mm
F: F type, 340*150*70mm

Cable Port:
6: 6 cable port, 3-in, 3-out
8: 8 cable port, 4-in, 4-out
   for C only

Fiber Optic Splice Tray:
S12: 12-core
S24: 24-core

Grounding Device
G: Grounding device included

Valve for Pressure testing
V: Valve included

Number of Splice Trays
0: none,
1: 1 tray
2: 2 trays
3: 3 trays
4: 4 trays
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8: 8 trays

Dome type Mechanical Fiber Optic Splice Closure

F2H-FOSC- BDM -XXX- XXX

Type:
A: A type, φ190*430
B: B type, φ190*310

Cable Port:
4: 4 cable ports

Fiber Optic Splice Tray:
S12: 12-core
S24: 24-core

Grounding Device
G: Grounding device included

Valve for Pressure testing
V: Valve included

Number of Splice Trays
0: none,
1: 1 tray
2: 2 trays
3: 3 trays
4: 4 trays

Dome type Heat Shrinkable Fiber Optic Splice Closure

F2H-FOSC- BDH -XXX-XXX

Type:
A: A type, φ190*440
B: B type, φ190*420
C: C type, φ220*490
D: D type, φ220*450

Cable Port:
5: 4 round ports, 1 oval port
7: 6 round ports, 1 oval port

Fiber Optic Splice Tray:
S12: 12-core
S24: 24-core
S48: 48-core

Grounding Device
G: Grounding device included

Valve for Pressure testing
V: Valve included

Number of Splice Trays
0: none,
1: 1 tray
2: 2 trays
3: 3 trays
4: 4 trays
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10: 10 trays