

Fiber Optic Splice Closure w/ Splitter

AFH Series



- **IP68 protection rating**
- **Accommodates 1 pc 1:16 or 2 pcs 1:8 PLC splitters**
- **Accommodates 1 pc box type splitter 1:16**
- **Accommodates 18 pcs SC adaptors**
- **Various soft cable sealing accessories available**
- **Pre-installed splitters and pigtails**

Ascent's AFH series Fiber Optic Splice Closure (FOSC), is for the protection of the fiber splice joint between two or more cables, for direct or branch connection, to prevent the aging caused by the heat, cold, light, oxygen and microorganisms in nature.

AFH series enclosure is made of high-strength PP. It has heat shrinkable sealing structure with 7 cable entrance ports (6 round ports and 1 oval port) for uncut fiber cables. Its back tray can be used for cable storage, and it is waterproof with an IP68 rating.

With the excellent mechanical strength, the robust shell, and the main structures could withstand the worst environmental changes, meanwhile, the vibration, impact, cable stretching and twist could be protected. It could be used for aerial, pipe-lined, direct buried installations.

Key Features

- Small cable ports for fiber cables $\Phi 7$ mm to $\Phi 20$ mm and big ports for fiber cables $\Phi 7$ mm to $\Phi 42$ mm
- Max. capacity (single fibers): 144 fibers (24 core splice tray*6)
- Cable ports heat shrink sealing: good sealing performance, IP68
- Accommodates 1 pc 1:16 or 2 pcs 1:8 PLC splitters, or 1 pc box type splitter 1:16
- Accommodates 18 pcs SC adaptors (other types can be customized), max 18 pcs SC/PC 1.5 pigtails
- Various soft cable sealing accessories available and can be customized
- Splitters and pigtails can be pre-installed. Operators would only need to splice the fibers, which could greatly save on operation time and improve work efficiency

Specifications

Item	Description
Dimensions (WDH)	$\Phi 230$ mm \times 450 mm
Cable Ports	1 oval uncut port 6 round ports
Quantity of Splice Tray	6 pcs (max.)
Body Material	MPP
Assembling method	Wall mounting, overhead, pole, underground pipe
Protection Rating	IP68
Impact Test	IK10
Operating Temperature	-40 °C to +65 °C

Configuration

Part name	Description	Quantity	Remark
Closure body (hoop and internal main structures included)	Material: modified PP Dimensions: 450 × Φ230 mm	1 set	Standard
Sealing gasket	Material: vulcanized rubber	1 set	Standard
Splice trays	Cover included	As per capacity	Standard
Pole mounting bracket	Material: stainless steel	1 set	Standard
Splice protective sleeve	Length: 60mm	As per capacity	Standard
Plug	For cable ports when not used	2 pcs	Standard
Insulation tape		1 roll	Optional
Nylon ties		1 bag	Standard
Wet tissue		1 bag	Standard
Special wrench		1 pc	Standard
Optical fiber protective hose	As per needs	1 pc	Standard
Valve		1 set	Optional
Wall mounting kit		1 set	Optional
Grounding		1 set	Optional
Splitter, adapters		As per needs	Optional

Ordering Information

Product Name	Product Description
AFH-FOSC-BDM-RS144-A	PP enclosure with 192 splicing capacity and mini PLC (1:8/1:16)

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