

Fiber Optic Splice Closure DOME

p/n: OPHS-48V



1. Overview

OPHS-48V type of Fiber Optic Splice Closure (FOSC) is a member of dome closure series, the product adopts fully-mechanical sealing structure, only using silicone rubber sealing gasket to ensure the good sealing performance of fiber cable with the diameter within 18mm. The function of the product is in the optical transmission link, to provide through, branching connection and related connecting protection.

2. Specifications

Item OPHS-48V Cable ports 4 ports
Number of fiber fusion 24-48 cores **Capacity of splice tray** 12-core tray
Dimension (mm) 300×120mm **Weight**
(exclude outside box)
Cable dim (mm) 1×Oval: Ø26×38mm
3×Round: Ø18 mm
Max capacity of fiber 48 cores
Working Temperature -40°C~ 65°C **Installation type** Pole-mount
Sealing type Heating shrink sealing

3. Structure and Technical Features

1. Heat shrink sealing structure.
2. High quality industrial plastic body material.
3. This model has three small round ports and one large round port
4. Support aerial, underground, pipeline man holes, hand holes
5. Protection level reaches IP68
6. Maximum capacity: 48 fibers
7. Number of splice trays: 4 pcs x 12F

4. Main components

NO.	Name of components	Quantity	Usage	Remarks
1	FOSC cover	1 piece	Protecting fiber cable splices in whole	
2	Fiber optic splitter tray	4 x 12-trays	Fixing heat shrinkable protective sleeve and holding fibers	Suitable for: 48 cores
3	Fiber holding tray	1 piece	Holding fibers with protective coat	
4	Foundation	1 set	Fixing fiber cable, reinforced core and FOST	
5	Base	1 set	Fixing internal and external structure	
6	Seal fitting	1 piece	Sealing between FOSC cover and base	
7	Pressure testing valve	1 set	After injecting air, it is used for pressure testing and sealing testing	Configuration as per requirement
8	Earthling deriving device	1 set	Deriving metallic parts of fiber cable in FOSC for earthling connection	Configuration as per requirement

5. Main accessories and special tools

NO.	Name of accessories	Quantity	Usage
1	Heat shrinkable protective sleeve		Protecting fiber splices
2	Nylon tie		Fixing fiber with protective coat
3	Heat shrinkable fixing sleeve (single)		Fixing and sealing single fiber cable
4	Seal tape		Fixing and sealing mass of fiber cable
5	Branching clip		Branching fiber cables
6	Earthling wire	1 pc	Putting through between earthling devices
7	Desiccant	1 bag	Put into FOSC before sealing for desiccating air
8	Labeling paper	1 pc	Labeling fiber
9	Special wrench	1 pc	Tightening nut of reinforced core
10	Metal hoop	1 set	For wall mounting and pole hugging
11	Buffer tube	Decided by customers	Hitched to fibers and fixed with FOST, managing buffer
12	Aluminum-foil paper	1 pc	Protect the bottom of FOS