

## Optical Dome Closure 48 Cores

### Description:

Optical dome closure provides space and protection for the fiber optic cable splicing and joint.

Fiber optic closure belongs to the accommodation of the optical fiber fusion splice section system. It is widely applied to the connection of the fiber play the roles in sealing, protection, installation of fiber connector head and storage in communication and network systems, with good homogeneity, easy processing, light components, convenient transportation and laying. It is an ideal material for optical cable splicing devices in CATV cable television, optical cable network systems and other fields.



Place of Origin: Shenzhen, China

Brand Name: OPTICO or OEM

Model Number: OP-DOME-CLOSURE-48C

Type: Dome enclosure

Fiber: 48F

Use: FTTH

Product name: 12 to 48 cores closure fiber optic

structure: dome

Material: PPR

Max Capacity: 48Core

Size: 310mm(h)\*120mm(d)

Maximum install tray Number: 4

Ports: 1 inlet 3 outlet

Suitable Dia of cable: 3 small round ports(21mm) and 1 large oval port(34mm)

Weight: 1.13kg

Certification: ISO900

Supply Ability: 50000 pcs/month

Packaging: 1 pcs/inner box, suitable quantity per carton

Port: Shenzhen

## **Features:**

1. The high-quality material configuration of the dome closure ensures communication quality and safety under harsh external environments such as high temperature and humidity. The plastic parts of the product are molded with high-strength engineering plastics, and the external fasteners and structural parts are made of high-quality stainless steel.
2. It has a splice tray hinged at one end, and each splice tray does not affect each other, avoiding the increase in loss caused by the knotting of the transition tube.
3. The optical fiber can be transferred between the disks, which enhances flexibility and meets the needs of installation.
4. Combine mechanical seal and heat shrink seal. The inflation pressure in the box is 100KPa5Kpa, and it is immersed in water at room temperature and observed for 15min without bubbles escaping; or for 24h, the barometer pointer has no change
6. It can bridge, distribute, branch and repair optical cables, suitable for various occasions such as overhead, pipeline, direct burial, and loose tube, skeleton, ribbon and other optical cables. It is convenient for line design, management and maintenance.
7. Compatible with optical passive components such as splitter, easy to construct.

## **Applications:**

Aerial, Wall Mount, Pole Mount, underground, FTTX, access networks and broadband

## **Specifications:**

Product Name

Fiber optic splice closure

Color	black
Fiber	12~96F
Protection class	IP66
Seals	Mechanical seal
Material	PC
Cable out of the tube configuration	Up to four out of the tube fiber optic cable
Ports diameter(mm)	16~22mm
Fiber radius of curvature(mm)	30
Dielectric strength(kv)	1.5
Ambient temperature(°C)	-40~+60
Atmospheric pressure(Kpa)	70~1106
Tensile strength(N)	>1000
Anti-stress	>2000N/ 10cm <sup>2</sup> Stress, Time 1min
Insulation Resistance	>2X10MΩ/500V(DC)
Compressive strength	15KV(DC)/1min. No breakdown. No flashover
Housing dimensions(mm)	425*163.5*87mm(L*W*H)
Splice Tray	Max 3 pcs, 24 cores each
Scope	Pole, buried, manholes, wall
Packing	0.075m <sup>3</sup> /8pcs
Total weight	1.46kg/1pcs

## Certificates:



CE

CPR

ISO

RoHS

Factory:





**Keywords:**

dome closure, optical joint box, splicing enclosure;