

FIBER OPTICAL CLOSURE

MODEL: FOSC-H002

Overview:

FOSC-H002 is a kind of versatile in-line type fiber optical closure for fiber cable connection, distribution and drop application for out side plant fiber network. FOSC-H002 closure is well designed for smart application with stable high performance. It's a rigid nonfilled case which has been rigorously tested to prove its integrity under the most severe conditions of moisture, vibration and impact, cable stress and flexing, and temperature extremes. The installation of FOSC-H002 closure is very easy and requires no special tools or complicated training procedures. And the closure is re-enterable to allow easy access to the enclosed splices.

Picture:



Application

The FOSC-H002 closure can organize and protect fiber optic splices in the outside plant and inside buildings.

- Inline and Butt configuration closure for single and ribbon fibers splice
- Outside plant direct buried, underground, aerial and pedestal application
- Inside building installation
- Fiber trunks and access network
- FTTx application for fiber distribution and drop

Specification

Model	Material	Dimension(mm)	Weight(kg)	Cable entry ports	Cable diameter(mm)	Max. capacity of fibers
FOSC-H002	ABS	440×200 ×100	2	4 port (2in & 2out)	φ7-φ14	96

Features

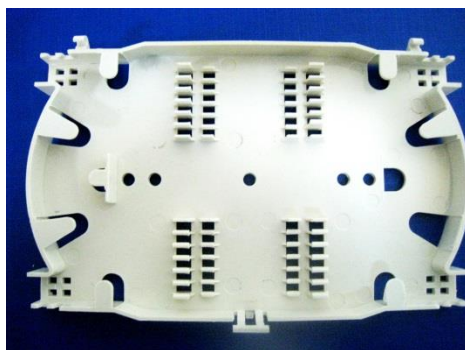
- Meets major international standards (GR771, IEC, ITU...)
- Full mechanical and Gasket or mastic cord sealing
- Multiple cable entry options
- Two halves (cover and base) structure
- Bolts and nuts security mechanism for closure sealing
- Exteranal component and fastening pieces are all made of hight quality stainless steel.
- Perfext out line, thunder, erosion and aging resistance.

- Fixed wire reinforcement fiber center certainly, the diameter of the wire reinforcement: $2\text{mm} \leq d \leq 3\text{mm}$
- Mechanisms used waterproof rubber around the edges of the closures and young rubber in the hole in / out cable.

Benefit:

- High quality and performance for universal applications
- Excellent ingress protection
- Suitable for limited space application
- No special tool needed, easy and low cost re-entry
- Butt or in-line configuration for splicing
- Full open to operator, easy fiber management
- Easy installation, no special tool needed

Fiber Optic Splice Tray:



Descriptions

Fiber optic splice trays are made by ABS, light in weight and is RoHS compliant. They are mainly used for optical fiber storage and fiber optic fusion protection, easy to operate and simple to install and uninstall. The trays are stackable and can be mounted using two #6 screws; they can be used one on top of another to form a layer structure inside the fiber optic enclosures.

Features

- Fiber Optic Bend Radius Protection $>3\text{cm}$
- In-line or butt splice capability (see model descriptions)
- Pre-formed radiuses maintain bend requirements
- Interlocking base and cover provides tray stability without the use of a bolt
- Extended finger guides easily store and route loose fiber or ribbon

6 different sizes available:

Type 1: 174mm*109mm*12mm
Type 2: 145mm*105mm*12mm
Type 3: 150mm*100mm*10mm
Type 4: 210mm*105mm*12mm
Type 5: 230mm*96mm*12mm
Type 6: 300mm*97mm*12mm

Standard Fiber Optic Splice Sleeve:

Standard fiber optic splice sleeve is with typical 40mm or 60mm length, with stainless steel rod as the strengthen member. Our standard fiber splice sleeve is with clear color to give a good view of the inside joint part. Package is 100 pieces per bag. The huihong technologies standard fiber splice sleeves are mainly used for single fiber splice protection, they can be with custom length and size on request.

Fiber Optic Splice Sleeve Features

Keep optical transmission performance of optical fiber

Provide safe protection to optical fiber splicing

Easily use and avoid any damage to the optical fiber during installation

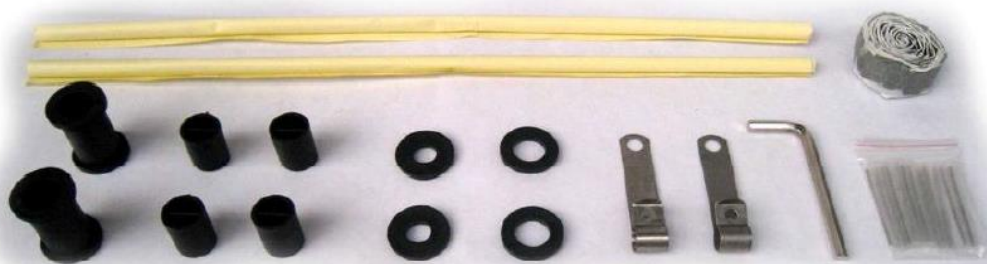
Clear sleeve makes it easy to detect splice before shrinkage

Sealing structure provides good performance to the splicing in the environment with temperature and humidity

- Fiber Optic Fusion Splice Sleeve Operating Temperature -45~100 °C
- Fiber Optic Splice Sleeves Shrinking Temperature Range 90 ~ 120 °C
- Humidity

Radius ratio (%)> 50%

Axial ratio (%) <3%



Fittings

Splice protector tube, Sticky cincture, Sticky cincture, Cables ties, Hose clamp, Sealing washer, Plugs, Tape collar gauge, Marking note, Hanging hook, Allen wrench, Insulate robber belt.

Technical Parameters

Environmental temperature:	-10°C ~+60°C
Operating temperature:	-10°C ~+60 °C
Relative humidity:	≤85 % (+30 °C)
Atmosphere pressure:	60KPa±5KPa
Voltage resistance strength:	>15KV(DC)1 min non-puncture, no are-over

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