

## FOSC-002 Optical Fiber Horizontal Box Specification



FOSC-002 can be used to connect and branch fibers in aerial locations, ducted applications, direct buried manholes. The case body is made from high-intensity engineering plastics PC and formed the shape with mold plastics under high pressures. High mechanical intensity, corrosive-resistance, anti-thunderstruck and long service life.

### Available for duct, Aerial, Direct buried

Item	FOSC-002
Dimension (mm)	410×200×105
Weight (Kg)	2.7
Cable diameter (mm)	Φ10-Φ20
Cable entry ports	Four cable entry port on each end
Core capacity Tray	12-24
Max Capacity of splice tray	6
Max Core capacity	144
Sealing structure	Sticky cincture

### Features:

- 1· The box body of the product adopts high-quality engineering plastics (ABS),
- 2· The product adopts 2 times of cable technology to ensure that the optical fiber in the box has no additional loss.
- 3· The product has a breakable electrical connection in and out of the optical cable.
- 4· The product has multiple reuse and capacity expansion functions.
- 5· Valves can be installed on the casing to facilitate air filling and air pressure measurement during sealing inspection.
- 6· The housing can be equipped with a ground lead device.

## Technical features:

- 1· It can be used for single fiber cable and ribbon cable.
- 2· Tensile seal: 2000N axial tension, no air leakage.
- 3· Voltage resistance: 15KV(DC).
- 4· Tensile seal: when the product is inflated, it can withstand the axial tension of 2000N without air leakage.
- 5· Impact seal: after the product is inflated, it can withstand impact energy of 16N\*m (Newton \*m) for three times.
- 6· The product is crack free and does not leak air.
- 7· All other performance requirements meet YD/ t814-1996 standards.

## Working environment:

1. 45 °C, environment temperature - - + 80 °C
2. 30 °C, relative humidity of 85% or less (+)
- 3· Protection level (EN60529) : IP54, IP58

## Kit contents



Description	Type	Quantity
Splice protector tube		According to the fiber cores
Sticky cinchure	Widen	1pcs
Sticky cinchure	Narrow	2pcs
Insulated robber belt		1pcs
Cables ties		8×splice tray
Sealing washer		4sets
Block		4 ( piece)
Marking note		8×fiber cores
Hanging hook	Aerial-hanger	1pair
Allen wrench	6mm	1pcs