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 ℃, environment temperature - - + 80 ℃

2. 30 ℃, 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 cincture	Widen	1pcs
Sticky cincture	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