

## 48 Fiber Horizontal Splice Closure

Used for fiber optic cable with various structures direct connection and brand connection via the ways of aerial, pipelines, direct burial etc. The continuation of structured fiber cables in the terminal rooms.

Prevents the materials aging caused by heat, cold, light, oxygen and microorganisms in nature, and has excellent mechanical strength. Rugged fiber cable splice closure shell and the main structural components can withstand the harshest environmental changes, and play a flame retardant, waterproof; protecting fiber cable during vibration, impact, cable stretching, distortion and so on.



### Quick Details:

Place of Origin: Shenzhen, China (Mainland);

Brand Name: OPTICO;

Outside dimension (L\*W\*H): 420x180x125 (mm);

Weight (excluding outside box): 2650g-2975g;

Number of inlet/out ports 6: 3 in 3 out;

Fiber Counts:

Bunchy: 12-96 (Cores); Ribbon: max. 144 (Cores);

Diameter of Fiber Cable: 13mm-20mm;

Material: PC;

NO. of trays: 1-4;

Sealing Method: mechanical;

Working Temperature: -40°C to +65°C;

Certificate: ISO9001 ROHS;

Packaging & Delivery

Packaging Details: Each Closure have individual box Size: 47.5\*19\*14 (cm);

10 pcs closure packed into one out carton box Size: 71\*40\*49 (cm);

Delivery Time: Shipped in 10 days after payment;

**Horizontal type 48 96 fibers optical fiber cable joint closure/outdoor splice enclosure**

**Product Description:**

The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure. The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66.

The closures are applicable to ribbon type optical cable and common optical cable. The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical fiber to make sure the curvature radius for optical winding 40mm. Each optical cable and fiber can be operated individually.

The closure is of small volume, big capacity and convenient maintenance.

The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance. The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance.

#### **Dimensions and Capability:**

Dimensions ( L\*W\*H): 420x180x125 (mm);

Maximum Capacity: Bundle – 96 Cores; Ribbon – 320 Cores;

Cable Entrances: 3 In 3 Out;

Diameter of Cable:  $\Phi$ 13mm -  $\Phi$ 20mm;

NO. of trays: 1-4 trays;

Classification: holding screw style;

#### **Operation conditions:**

Temperatures: -40°C~+60°C;

Humidity:  $\leq$ 95% (at 40°C);

Air Pressure: 70kPa ~106kPa ;

#### **Technical Specifications:**

Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow.

Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kM $\Omega$ .

Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth.

The curvature radius of the fiber 40mm, without extra loss inside the splice tray.

It can bear the axial tensile strength no less than 1000N.

Lifetime: 25 years.

Other performances are all in accordance with the requirement of standard YD/T814-1998.

#### **Company Pictures:**

