# SUMMIT TELECOM



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**Fiber Optic Splice Closure**
**Item Code: GJS-FOSC101**

## Cold Applied In-Line Closures

We are China leading manufacturer for Cold Applied In-Line Closure,Fiber Joint Closure and other types of Fiber Splicing Enclosure.

**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 reliable mechanical structure to make sure the closure service life. 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 turn-able 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.
- Typically used for customer drops, tap-offs (taut sheath) and in-line splice applications.
- The scope of application is: aerial, underground, wall-mounting, wall-mounting in duct and handhole.

**Features:**

| | |
|---|---|
| Outside dimension (LxWxH) | 390×210×120mm |
| Weight (excluding outside box) | 1900g-2100g |
| Number of inlet/outlet ports | 3 ports on each side |
| Diameter of fiber cable | Φ7—Φ16(mm) |
| Capacity of FOSC | Bunchy: 6—96(Cores)<br>Ribbon: max. 144 (Cores) |

**Operation conditions:**

- Temperatures: -40℃~+65℃
- Humidity: ≤95% (at 40℃)
- 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 20kMΩ.
- 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: 30 years.