# Technical Specification

# **Fiber Optic Splice Closure**

# **JB-GC02-M-BB6**

| Customer Approval | | | |
|---|---|---|---|
| | **Name** | **Signature** | **Date** |
| **Approved by** | | | |

# Contents

**1. General**

1.1 Description

Fiber optic splice closure is mainly applicable to the straight-through and branching of aerial cables, buried cables and duct cables, as well as the protection on cable joints.

1.2 Standards Comply

The product is designed, manufactured and tested according to the standards as follows:

| | |
|---|---|
| ITU L.13 | Sheath joints and organizers of optical fiber cables in the outside plant |
| IEC61300-2 | Fiber optic interconnecting devices and passive components - Basic test and measurement procedures |
| IEC60068-2 | Basic environmental testing procedures for electric and electronic products |

1.3 Applications Environment

| Item | Value |
|---|---|
| **Operation temperature** | -40 ºC ~ +65 ºC |
| **Installation temperature** | -15 ºC ~ +40 ºC |
| **Storage temperature** | -45 ºC ~ +75 ºC |

## 2. Characteristics

1.  Dome mechanical sealing with advanced internal structure design.

2.  High performance plastic, suitable for outdoor use, good weather resistant and UV resistance.

3.  Efficiently structure installation design save time when assembling.

4.  Easy for re-enter, easy for maintaining.

5.  with oval input port, pass through route with branch is compatible.

6.  IP rate: IP68

7.  Pole-mounted, aerial-mounted, wall-mounted, hand hole-mounted are appropriate.

## 3. Specifications

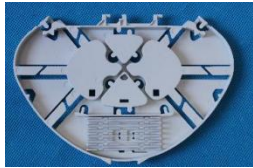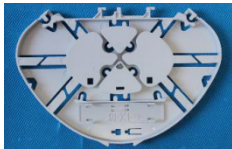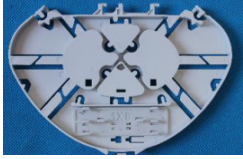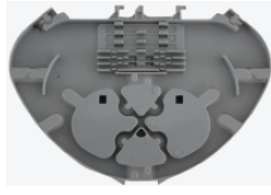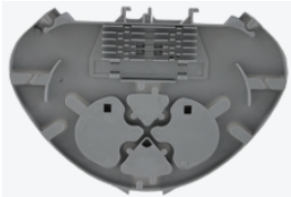| Item | Specifications | Note |
|---|---|---|
| Material of housing | High-strength PP+GF | |
| Material of internal components | High-strength ABS | |
| Material of metal accessory | High-quality stainless steel | |
| External dimension(mm) | 380*φ293 | |
| Color | Black | |
| Number of ports | 1 oval port<br>6 round ports | |
| Fiber cable diameter of oval port (mm) | 12-30 mm | |
| Fiber cable dimension of round port (mm) | 12-30 mm | |
| Sealing type | Heat shrink sealing | |
| IP grade | IP68 | |
| Splicing capacity(Max) | 144F | Splice tray type and quantity can be optional as customer's request |

## 4. Product Picture
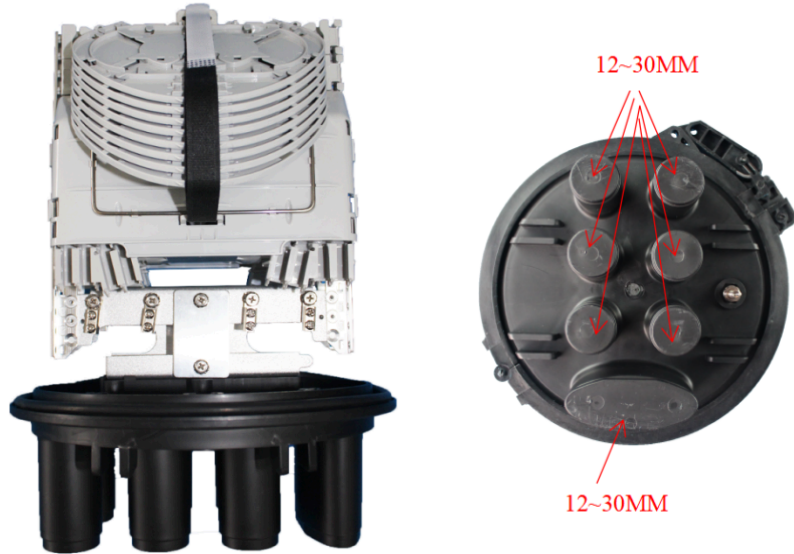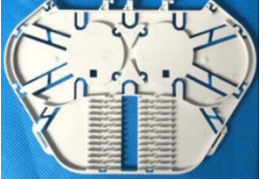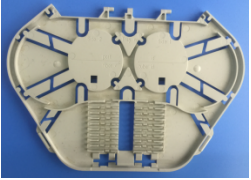


JB-GC02-M-BB6  product picture

## 5. Configuration
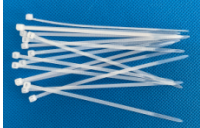
5.1 Optical splice trays
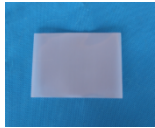
| No | Model | Pic | Capacity | Note |
|----|-------|-----|----------|------|
| 1 | T022A | | 12F(2 layer) | |
| 2 | T022C | | 1PLC splitters (4*12*60mm) | |

| 3 | T022D |  | 2PLC splitters (4*7*60mm) | |
|---|---|---|---|---|
| 4 | T022E |  | 6F(2 layer) 1PLC splitters (4*7*60mm) | |
| 5 | T023A |  | 4F(1 layer) | |
| 6 | T026C |  | 6F(1 layer) | |
| 7 | T027A |  | 12F(1 layer) | |
| 8 | T028A |  | 9F(1 layer) 1PLC splitters (4*4*40mm) | |
| 9 | T029A |  | 12F(2 layer) 1PLC splitters (4*4*40mm) | |

| | | | | |
|---|---|---|---|---|
| 10 | T029B | | 6F(2 layer)<br>3PLC splitters<br>(4*4*40mm) | |
| 11 | T029C | | 10F(2 layer)<br>1PLC splitters<br>(4*7*60mm) | |
| 12 | T029D | | 12F(2 layer) | |
| 13 | T029E | | 2PLC splitters<br>(4*7*60mm) | |
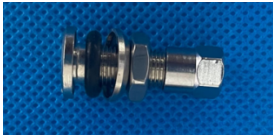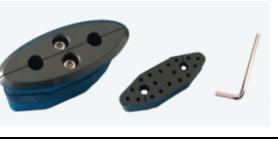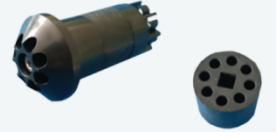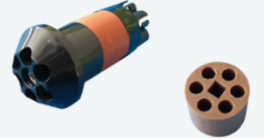
5.2 Standard Accessories

| No. | Name | Reference picture | Quantity | Remark |
|---|---|---|---|---|
| 1 | Heat-shrinkable protection sleeve | | 1 bag | L=45mm<br>L=40mm(T023A) |
| 2 | Nylon cable tie | | 16 pcs | L=120mm |
| 3 | Installation tape | | 1 roll | black |

| 4 | Buffer tube for bunchy fiber |  | n pcs | Each piece: OD=4.5mm, L=50cm QTY: 0.5m for every 4 splicing trays |
| 5 | Installation manual |  | 1pc | English |
| 6 | Desiccant |  | 1 bag | 5g/bag |
| 7 | More fiber bag |  | 1pc | big |
| 8 | More fiber bag |  | 1pc | small |

5.3 Optional Accessories

| No. | Name | Model | Reference picture | Quantity | Remark |
|-----|------|-------|-------------------|----------|--------|
| 1 | Pressure testing valve | |  | 1pc | |
| 2 | Earthing deriving device | |  | 1pc | |
| 3 | Aerial-mounting kit | JK02 |  | 1 set | |
| 4 | Pole-mounting kit | BZ25 |  | 1 set | |

| 5 | Wall-mounting kit | GB19 | | 1 set | |
|---|---|---|---|---|---|
| 6 | Elliptical hole plug | BC6-001-M2-22mm | | 1 set | Maximum diameter of cable Ø 21~Ø22mm |
| 7 | Elliptical hole plug | BC6-001-M2-20mm | | 1 set | Maximum diameter of cable Ø 19~Ø20mm |
| 8 | Elliptical hole plug | BC6-001-M2-11mm | | 1 set | Maximum diameter of cable Ø 9.5~φ12mm |
| 9 | Elliptical hole plug | BC6-001-M2-8.5mm | | 1 set | Maximum diameter of cable Ø 7~φ9.5mm |
| 10 | Elliptical hole plug | BC6-001-M2-6.5mm | | 1 set | Maximum diameter of cable Ø 5~φ7mm |
| 11 | Elliptical hole plug | BC6-002-M8-5mm | | 1 set | Maximum diameter of cable Ø 3~Ø5.2mm |
| 12 | Elliptical hole plug | BC6-002-M6-7mm | | 1 set | Maximum diameter of cable Ø 5~Ø7.9mm |
| 13 | Elliptical hole plug | BC6-002-M4-9mm | | 1 set | Maximum diameter of cable Ø 5~Ø9mm |

| 14 | Elliptical hole plug | BC6-002-M1-1 6mm | | 1 set | Maximum diameter of cable Ø13~ Ø16mm |
|---|---|---|---|---|---|
| 15 | Elliptical hole plug | BC6-002-M2-1 1mm | | 1 set | Maximum diameter of cable Ø7~Ø11mm |
| 16 | Elliptical hole plug | BC6-002-M12- 2.5mm | | 1 set | Maximum diameter of cable Ø 2.5mm |
| 17 | Elliptical hole plug | BC6-002-M12- 3.2mm | | 1 set | Maximum diameter of cable Ø 3.2mm |
| 18 | Elliptical hole plug | BC6-002-M8-2x 3mm | | 1 set | Maximum diameter of cable 2x3mm |
| 19 | Elliptical hole plug | BC6-003-M8-3 mm | | 1 set | Maximum diameter of cable Ø 3mm |

## 6. Package

Standard           Double corrugated carton, 615*345*415 mm,2 in carton, about 10Kg.