

Technical Specification Fiber Optic Splice Closure

HTSC-103

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

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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.

| Production type | Classification |
|-----------------|----------------------------|
| HTSC-103 | Fiber optic splice closure |



Appearance of HTSC-103

1.2 Standards Comply

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

| | |
|------------|--|
| ITU-T L.13 | Performance requirements for passive optical nodes: Sealed closures for outdoor environments |
|------------|--|

1.3 Applications Environment

| Item | Value |
|--------------------------|-----------------|
| Operation temperature | -40 °C ~ +65 °C |
| Installation temperature | -15 °C ~ +40 °C |
| Storage temperature | -45 °C ~ +75 °C |

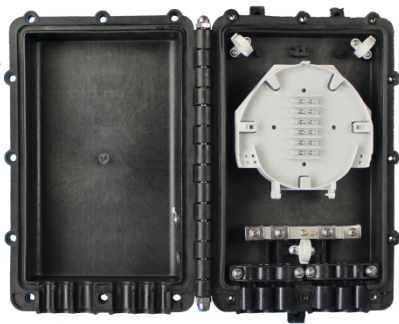
2. Characteristics

1. May be used for cut, uncut and taut sheath applications.
2. May be used for all fiber optic cable.
3. Sheath retention & central strength member fasten system included.
4. Ribbed closure construction and lightweight plastic provides strength and
5. resistance to chemical and U.V attack
6. Installation and reentry with a minimum of tools
7. Re-enterable and reusable
8. All hardware are included
9. Protection class: IP68
10. ROHS compliance

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) | 323mm x 202mm x 86mm | |
| Color | Black | |
| Number of ports | 6 | |
| Cable ports/Max.diameter of cable(mm) | 6 ports. 2 large ports , each port for 1 cable with max 20mm. 2 ports ,each port for 1 cable with max 16mm. 2 ports ,each port for 1 cable with max 13mm | |
| Sealing type | Mechanical | |
| IP grade | IP68 | |
| Splicing capacity(Max) HTSC-103 | 4x24=96 | Optional as request |
| Splicing capacity(Max) HTSC-103 | 4*36=144 | |

4.Product Picture



HTSC-103



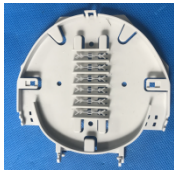
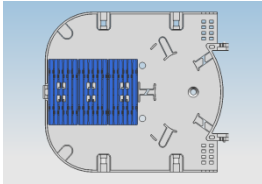
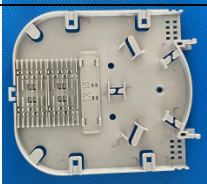
HTSC-103




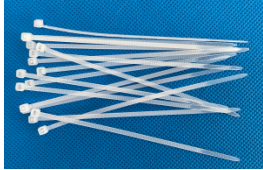

HTSC-103 product picture


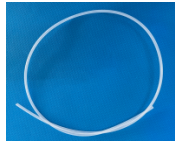


5. Configuration

5.1 Optical splice trays

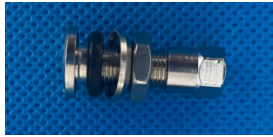

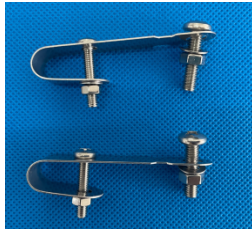
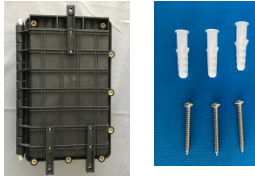
| No | Model | Pic | Capacity | Note |
|----|-------|--|---------------------------------|------|
| 1 | T037A |  | 24F(2 layer) | |
| 2 | T107A |  | 36F(2 layer) | |
| 3 | T107B |  | 24F(2 layer)+ 1PLC splitters | |


5.2 Standard Accessories

| No. | Name | Reference picture | Quantity | Remark |
|-----|-----------------------------------|---|----------|---------|
| 1 | Heat-shrinkable protection sleeve |  | 1 bag | L=45mm |
| 2 | Nylon cable tie |  | 16 pcs | L=120mm |
| 3 | Sealing tape |  | 2 rolls | Black |

| | | | | |
|---|------------------------------|---|--------|--|
| 4 | Installation tape |  | 1 roll | black |
| 5 | Buffer tube for bunchy fiber |  | n pcs | Each piece: OD=4.5mm, L=50cm QTY: n=trays number |
| 6 | Special wrench |  | 1set | |
| 7 | Installation manual |  | 1pc | English |

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 | Wall-mounting kit | |  | 1 set | |

| | | | | | |
|---|----------------------|------|--|-------|--|
| 5 | Pole-mounting kit | BZ13 |  | 1 set | |
|---|----------------------|------|--|-------|--|

6. Package

Standard

Double corrugated carton,630*340*450MM, 10 in carton,about 18.4KG