

Technical Specification
Fiber Optic Splice Closure
HTSC-319

| 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 cables joints.

| Production type | Classification |
|-----------------|--|
| HTSC-319 | Fiber optic splice closure (dome type) |



Appearance of HTSC-319

1.2 Standards Comply

| | |
|----------|--|
| ITU 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. 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) | 245*172*138mm | |
| Color | Black | |
| Number of ports | 1 oval port 1 round ports | |
| Fiber cable diameter of oval port (mm) | 12-20 mm | |
| Fiber cable dimension of round port (mm) | 12-30 mm | |
| Sealing type | Heat shrink sealing | |
| IP grade | IP68 | |
| Splicing capacity(Max) | 4x12=48F | Splice tray type and quantity can be optional as customer's request |

4. Product Picture



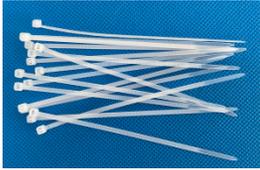
HTSC-319 product picture

5. Configuration

5.1 Optical splice trays

| No | Model | Pic | Capacity | Note |
|----|-------|---|--------------|------|
| 1 | T080A |  | 12F(2 layer) | |

5.2 Standard Accessories

| No. | Name | Reference picture | Quantity | Remark |
|-----|-----------------------------------|---|----------|--|
| 1 | Heat-shrinkable protection sleeve |  | 1 bag | L=45mm (T080A) |
| 2 | Nylon cable tie |  | 16 pcs | L=120mm |
| 3 | Branch clip |  | 1 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 | Sand paper |  | 1 pc | 2.5cm*27cm |
| 7 | Aluminum foil |  | 1 pc | 10cm*25cm |
| 8 | Heat shrink tube(Oval port) |  | 1 pc | Φ65x150mm |
| 9 | Heat shrink tube(Round port) |  | 1 pc | Φ40x150mm |

| | | | | |
|----|---------------------|---|-------|---------|
| 10 | Installation manual |  | 1pc | English |
| 11 | Desiccant |  | 1 bag | 5g/bag |

5.3 Optional Accessories

| No. | Name | Model | Reference picture | Quantity | Remark |
|-----|--------------------------|-------|--|----------|--------|
| 1 | Pressure testing valve | |  | 1pc | |
| 2 | Earthing deriving device | |  | 1pc | |
| 3 | Pole-mounting kit | BZ22 |  | 1 set | |
| 4 | Aerial-mounting kit | JK02 |  | 1 set | |
| 5 | Wall-mounting kit | GB16 |  | 1 set | |

6. Package

Standard

Double corrugated carton, 845*430*330 mm, 10 in carton, about 15Kg