

# Technical Specification Fiber Optic Splice Closure

## HTSC-107

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-107	Fiber optic splice closure



Appearance of HTSC-107

### 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
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### 1.3 Applications Environment

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

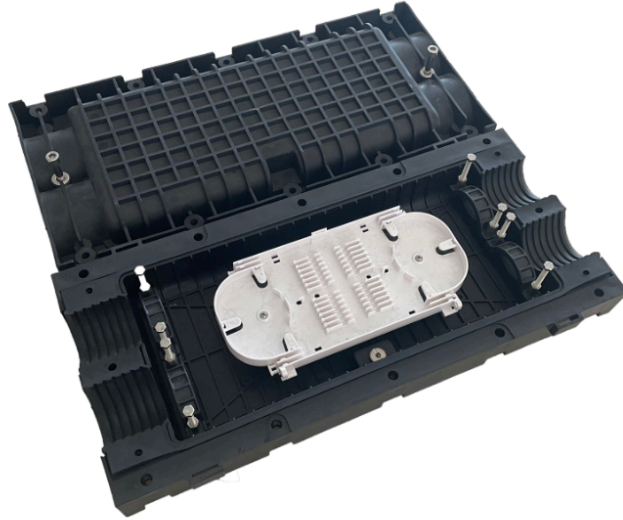
**2. Characteristics**

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)	450mm x 205mm x 75mm	
Color	Black	
Number of ports	4	
Cable ports/Max.diameter of cable(mm)	4 ports for 1 cable with max 40mm	
Sealing type	Mechanical	
IP grade	IP68	
Splicing capacity(Max)	2x24=48	Optional as request

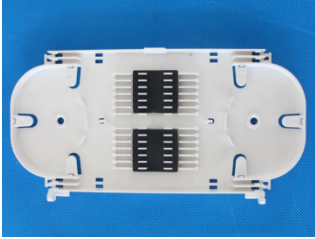
**4. Product Picture**




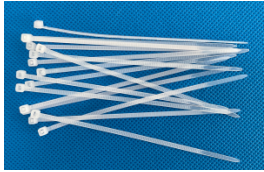

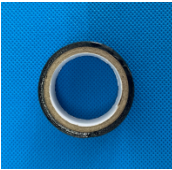



HTSC-107 product picture

**5. Configuration**

5.1 Optical splice trays

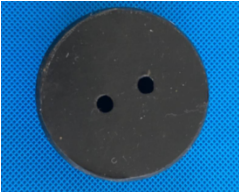
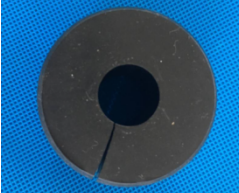
No	Model	Pic	Capacity	Note
1	T005A		24F(2 layer)	

## 5.2 Standard Accessories



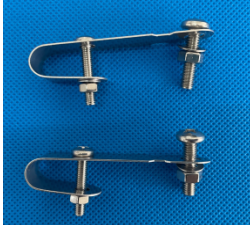
No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=60mm
2	Nylon cable tie		16 pcs	L=120mm
3	Sealing tape		1 rolls	Black
4	Installation tape		1 roll	black
5	Buffer tube for bunchy fiber		n pcs	Each piece: OD=4.5mm, L=50cm QTY: n=trays number
6	Special wrench		1set	M6
7	Installation manual		1pc	English

5.3 Optional Rubber Plug for Round Port

No	Moudel	Pic	Specification	Note
1	DT07-A		For 1 cable with max dia. 40 mm	
2	DT07-B		For 1 cable with max dia. 35 mm	
3	DT07-C		For 1 cable with max dia. 25 mm	
4	DT07-D		For 2 cable with max dia. 18.5/8 mm	
5	DT07-E		For 7 cable with max dia. 11.5 mm	
6	DT07-F		For 1 oval cable with max dia. 20x35 mm	

7	DT07-H		For 2 cable with max dia. 6 mm	
8	DT07-I		For 1 cable with max dia. 19 mm	

5.4 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	

6. Package

Standard

Double corrugated carton,53\*50\*38 CM, 6 in carton,about 20.5KGS