

Technical Specification  
**Fiber Optic Splice Closure**  
**HTSC-109**

<b>Customer Approval</b>			
	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Approved by</b>			

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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-109	Fiber optic splice closure



Appearance of HTSC-109

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

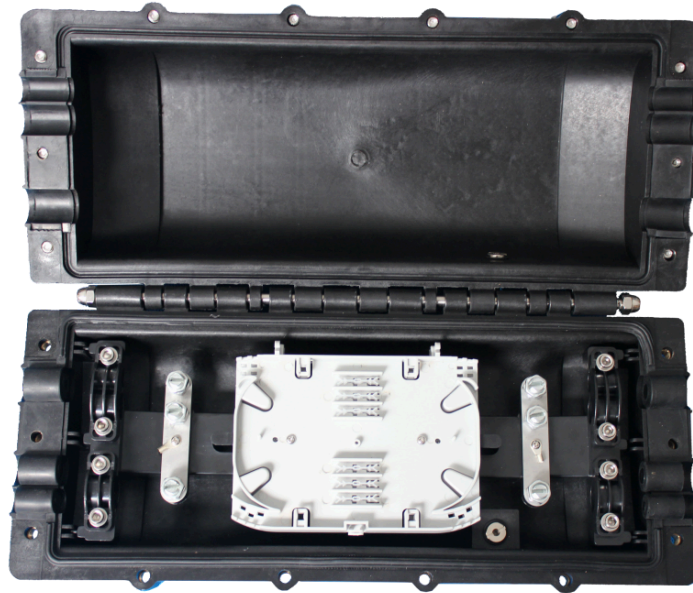
**2. Characteristics**

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)	448mm x 204mm x 136mm	
Color	Black	
Number of ports	6	
Cable ports/Max.diameter of cable(mm)	2 ports for 1 cable with max 23mm 2 ports for 1 cable with max 20mm 2 ports for 1 cable with max 16mm	
Sealing type	Mechanical	
IP grade	IP68	
Splicing capacity(Max) ( T066A )	6x24=144F	Optional as request
Splicing capacity(Max) ( T066B )	6x72=432F(12F Ribbon)	

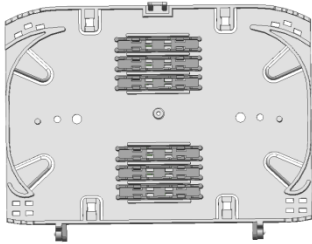
**4. Product Picture**




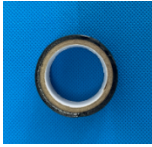

HTSC-109 product picture

**5. Configuration**





5.1 Optical splice trays

No.	Model	Pic	Capacity	Note
1	T066A		24F(2 layer)	
2	T066B		(12F Ribbon)	

## 5.2 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=45mm ( T066A ) L=40mm ( T066B )
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	M5
7	Special wrench		1set	M6
8	Special wrench		1set	
9	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	GB14		1 set	

## 6. Package

Standard                      Double corrugated carton, 54\*45.5\*51 CM, 6 in carton, about 20KG.