

# Technical Specification Fiber Optic Splice Closure

## HTSC-155B

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-155B	Fiber optic splice closure



Appearance of HTSC-155B

### 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

May be used for cut, uncut and taut sheath applications.

May be used for all fiber optic cable.

Sheath retention & central strength member fasten system included.

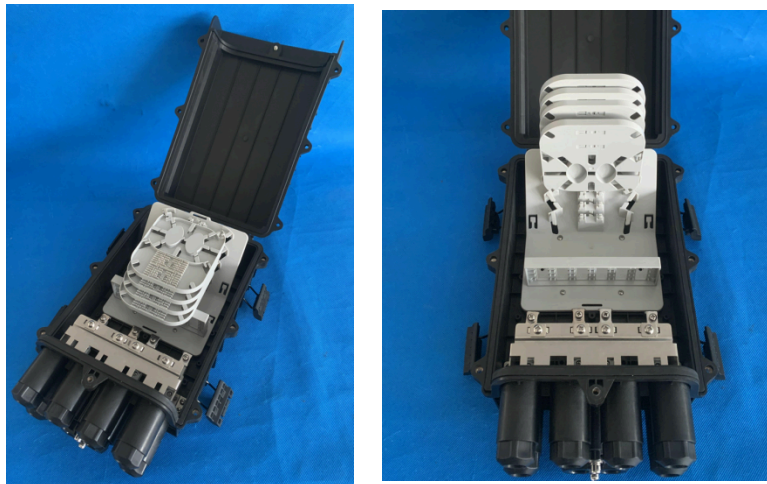
Ribbed closure construction and lightweight plastic provides strength and resistance

to chemical and U.V attack  
 Installation and reentry with a minimum of tools  
 Re-enterable and reusable  
 All hardware are included  
 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)	382mm x 224mm x139mm	
Color	Black	
Number of ports	8	
Cable ports/Max.diameter of cable(mm)	4 main cable ports: 1 oval port for 1 looped cable with max dia 17.5 mm. 6 round ports for cable with max dia 17.5mm.	
Sealing type	Mechanical	
simplex adaptors	24	
Splicing capacity(Max)	3*24+12=84F	Optional as request

### 4.Product Picture





HTSC-155B product picture

**5. Configuration****5.1 Optical splice trays**


No	Model	Pic	Capacity	Note
1	T061A		24F(2 layer)	
2	T061B		12F(2 layer)+2PLC splitters	
3	T061D		12F(2 layer)+1PLC splitters	


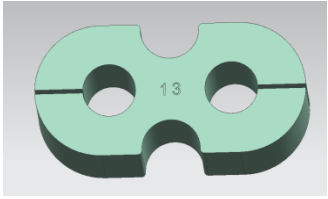
**5.2 Optional Rubber Plug for Round Port**

No	Model	Pic	Specification	Note
1	DT04-A		9holes, 2*5mm	
2	DT04-B		9holes, $\Phi$ 3mm	


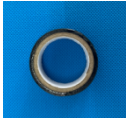




3	DT04-C		4holes, $\Phi 5.3\text{mm}$	
4	DT04-D		9holes, 2*5mm	
5	DT04-H		Big hole, $\Phi 17.5\text{mm}$ ( $\phi 14 \sim \phi 17.5$ ) Small hole, $\Phi 10\text{mm}$ ( $\phi 7 \sim \phi 11$ )	
6	DT04-I		Big hole, $\Phi 17.5\text{mm}$ ( $\phi 14 \sim \phi 17.5$ ) Small hole, $\Phi 13\text{mm}$ ( $\phi 10 \sim \phi 14$ )	Default, 4 PCS
7	DT04-J		12holes, 2*3mm	






5.3 Sealing rubber ring specifications of straight-through cable ports

No	Model	Pic	Specification	Note
1	DT03-A		$\phi 14 \sim \phi 17.5\text{mm}$	Default, 1 PCS


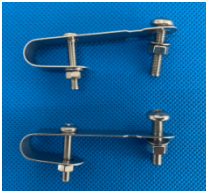

2	DT03-B		$\Phi 8 \sim \Phi 11 \text{mm}$	
3	DT03-C		$\Phi 11 \sim \Phi 14 \text{mm}$	

## 5.4 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=45mm(T061A) L=45mm(T061B) L=45mm(T061D)
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: n=trays number
5	Hose hoops		8pcs	
6	Sealing tape		1 rolls	Black
7	Special wrench		1set	

8	Special wrench		1set	
9	Installation manual		1pc	English
10	gasket		6pcs	
11	Fiber optic cable plug		8pcs	
12	Sealing kit for branch cable		6sets	

### 5.5 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Remark
1	Pole-mounting kit	BZ13		1 set	
2	Aerial-mounting kit	JK02		1 set	
3	Wall-mounting kit			1 set	

### 6. Package

Standard

Double corrugated carton, 55\*53\*34 CM, 4 in carton, about 12Kg