

# Technical Specification Fiber Optic Splice Closure

## HTSC-153

Customer Approval			
	Name	Signature	Date
Approved by			

# Contents

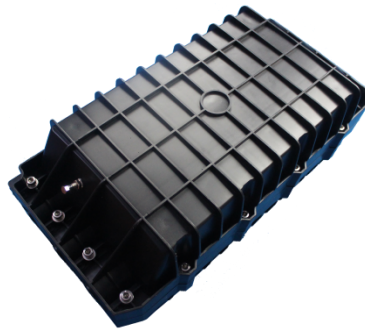
1. General	2
1.1 Description	2
1.2 Standards Comply	2
1.3 Applications Environment	2
2. Characteristics	3
3. Specifications	3
4. Product Picture	4
5. Configuration	4
5.1 Optical splice trays	4
5.2 Standard Accessories	5
5.3 Optional Accessories	6
6. Package	6

## 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-153	Fiber optic splice closure



Appearance of HTSC-153

### 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

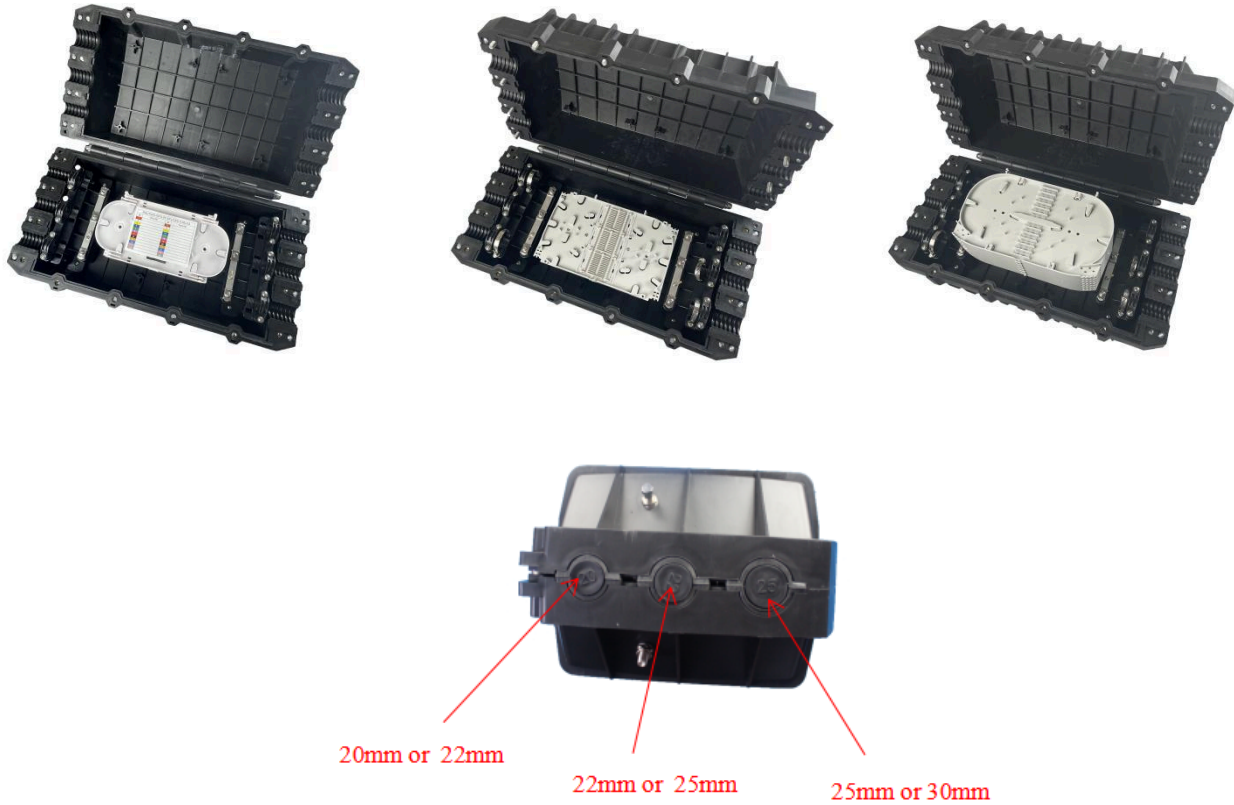
## 2. Characteristics

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)	500mm x 270mm x 194mm	
Color	Black	
Number of ports	6	
Cable ports/Max.diameter of cable(mm)	Design 1: 2 ports for 1 cable with max dia 20 mm, 2 ports for 22mm and 2 ports for 25mm. Design 2: 2 ports for 1 cable with max dia 22 mm, 2 ports for 25mm and 2 ports for 30mm.	
Sealing type	Mechanical	
IP grade	IP68	
Splicing capacity(Max) · Tray T005A	8x24=192 (single fiber )	Optional as request
Splicing capacity(Max) ,Tray T008A	12*36=432 (single fiber )	
Splicing capacity(Max) ,Tray T067A	7*48=336 (single fiber )	
Splicing capacity(Max), Tray T067B	7*144=1008 ( 12F ribbon ) 7*96=672 ( 8F ribbon )	

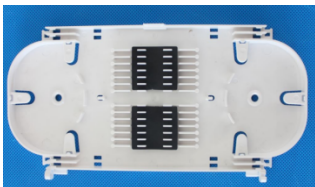
**4. Product Picture**

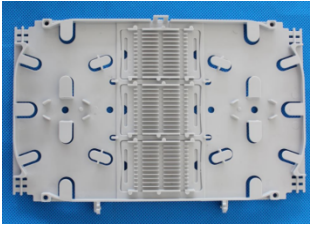

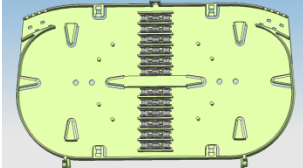


HTSC-153 product picture


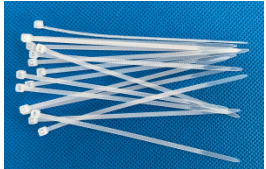

**5. Configuration**

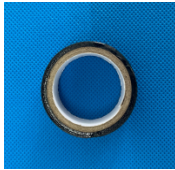
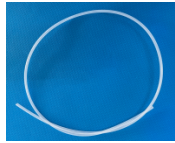


5.1 Optical splice trays

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




2	T008A		36F(1 layer)	
3	T067A		48F(2 layer)	
4	T067B		144F ( 12F ribbon ) 96F ( 8F ribbon )	

5.2 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=60mm ( T005A ) L=45mm ( T008A ) L=45mm ( T067A ) L=40mm ( T067B )
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	

### 6. Package

Standard

Double corrugated carton,530\*330\*720MM, 3 in carton,about 18.2KG