

Technical Specification Fiber Optic Splice Closure

HTSC-371

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-371	Fiber optic splice closure (dome type)



Appearance of HTSC-371

1.2 Standards Comply

ITU 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

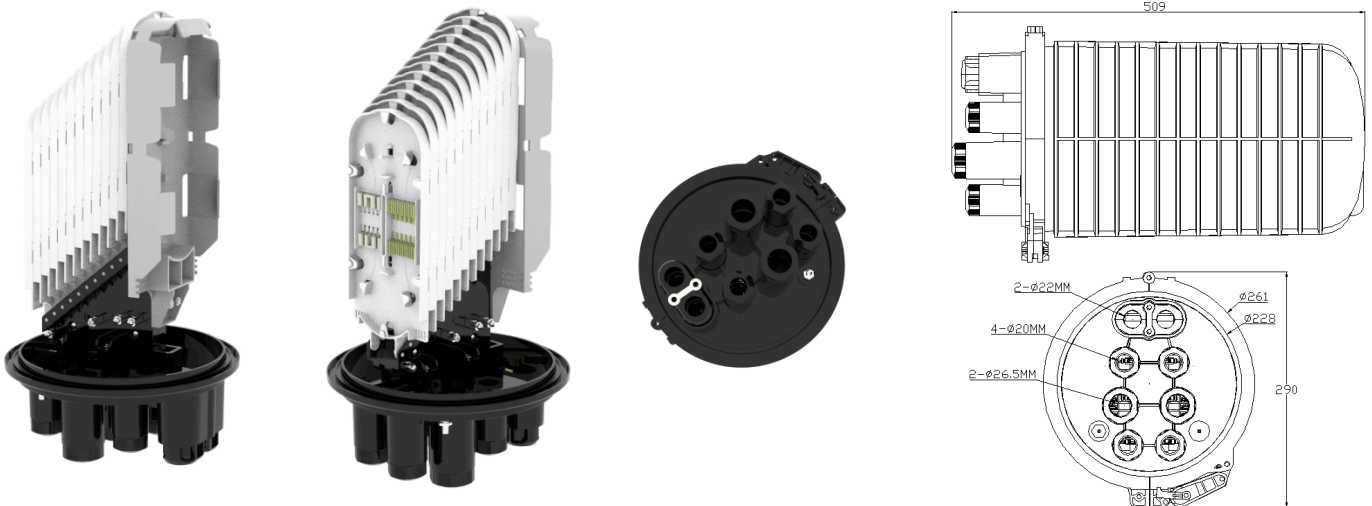
2. Characteristics

1. Dome mechanical sealing with advanced internal structure design.
2. Efficiently structure installation design save time when assembling.
3. Tool free to re-enter, easy for maintaining.
4. Slide-in-lock design splice tray, to make opening angle about 90°
5. With oval input port, pass through route with branch is compatible.
6. Innovative elastic seal fitting.
7. IP68 protection can be offered.
8. Aerial, underground, wall-mounting, hand hole-mounting pole-mounting and duct-mounting 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)	509* ϕ 290	
Color	Black	
Number of ports	1 large port, 6 round ports	
Fiber cable diameter of large port (mm)	Φ 8~ Φ 22mm	
Fiber cable dimension of round port (mm)	Φ 6~ Φ 26.5mm	
Sealing type	Mechanical	
IP grade	IP68	
Splicing capacity(Max) (T117A)	12x48=576F(Single fiber)	Optional as request
Splicing capacity(Max) (T011A)	12x24=288F(Single fiber)	


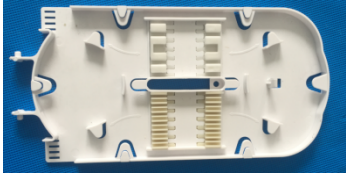
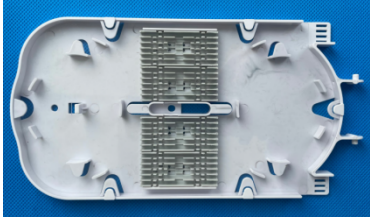
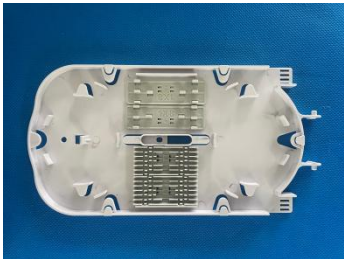
4. Product Picture



HTSC-371 product picture







5. Configuration

5.1 Optical splice trays





No	Model	Pic	Capacity	Note
1	T011A		24F(Single fiber,1 layer)	
2	T011C		12F(Single fiber,1 layer)+2PLC splitters	
3	T117A		48F(Single fiber,2 layer)	
4	T117B		24F (Single fiber,2 layer) +4PLC splitters	

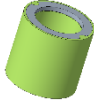
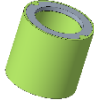
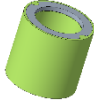
5.2 Sealing rubber ring specifications of straight-through cable ports

No.	Reference picture	Specifications	Remark


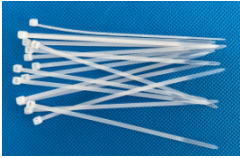

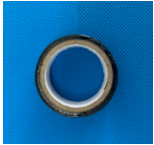


1		Φ8~10mm	<p>Note:</p> <ol style="list-style-type: none"> 1. Choose the appropriate size and quantity of sealing rubber ring according to the requirements, otherwise it will be provided according to the default configuration; 2. If one type is selected, it is pre-installed in the oval hole; if multiple types are selected, the larger size is pre-installed by default, and other types are packaged as accessories.
2		φ10~13.5mm	
3		Φ13.5~16mm	
4		Φ16~18mm (Default, 1PC)	
5		Φ18~20mm	
6		Φ20~22mm	








5.3 Sealing rubber ring specifications of branch cable ports

No.	Reference picture	Specifications	Remark
1		φ6-10mm	<p>Note:</p> <ol style="list-style-type: none"> 1. Choose the appropriate size and quantity of sealing rubber ring according to the requirements, otherwise it will be provided according to the default configuration; 2. All branch hole sealing rubber rings are packaged as accessories by default.
2		Φ10-13mm	
3		Φ13-15mm	
4		φ15-18mm (Default, 4 PCS)	



5		ϕ 18-20mm	
6		Φ 21-23.5mm	
7		Φ 23.5-26.5mm(Defau lt, 2 PCS)	

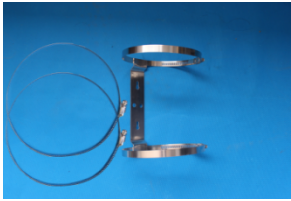


5.4 Standard Accessories

No.	Name	Reference picture	Quantity	Note
1	Heat-shrinkable protection sleeve		1 bag	L=60mm(T011A) L=60mm(T011C) L=45mm(T117A) L=45mm(T117B)
2	Nylon cable tie		24 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	

7	Special wrench		1set	
8	Special wrench		1set	
9	gasket		6pcs	2 types
10	Fiber optic cable plug		8pcs	2 types
11	Sealing kit for branch cable		6sets	2 types
12	Installation manual		1pc	English
13	Desiccant		2 bag	5g/bag

5.5 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Note
1	Pressure testing valve			1pc	
2	Earthing deriving device			1pc	

3	Pole-mounting kit	BZ06		1 set	
4	Aerial-mounting kit	JK04		1 set	
5	Wall-mounting kit	GB05		1 set	

6. Package

Standard

Double corrugated carton, 650*330*660 mm, 2 in carton, about 12Kg.