

Technical Specification
Fiber Optic Splice Closure
HTSC-220-BC12

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 cables joints.

Production type	Classification
HTSC-220-BC12	Fiber optic splice closure (dome type)



Appearance of HTSC-220-BC12

1.2 Standards Comply

ITU L.13	Sheath joints and organizers of optical fiber cables in the outside plant
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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

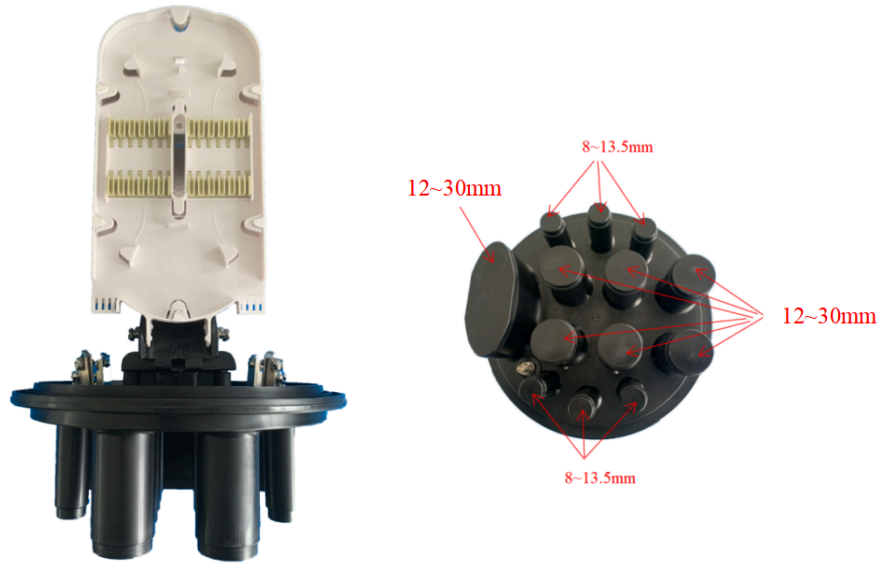
2. Characteristics

1. Dome mechanical sealing with advanced internal structure design.
2. High performance plastic, suitable for outdoor use, good weather resistant and UV resistance.
3. Efficiently structure installation design save time when assembling.
4. Easy for re-enter, easy for maintaining.
5. with oval input port, pass through route with branch is compatible.
6. IP rate: IP68
7. Pole-mounted, aerial-mounted, wall-mounted, hand hole-mounted 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)	Φ293*488mm	
Color	Black	
Number of ports	1 oval port 12 round ports	
Fiber cable diameter of oval port (mm)	8-30 mm	
Fiber cable dimension of round port (mm)	6 round ports: each port for 1 cable with max 13.5 mm. 6 round ports: each port for 1 cable with max 30 mm or drop cable.	
Sealing type	Heat shrink sealing	
IP grade	IP68	
Splicing capacity(Max)(T011A)	12*24=288F	Splice tray type and quantity can be optional as customer's request
Splicing capacity(Max)(T117A)	12*48=576F	Splice tray type and quantity can be optional as customer's request

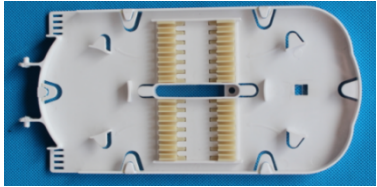
4.Product Picture

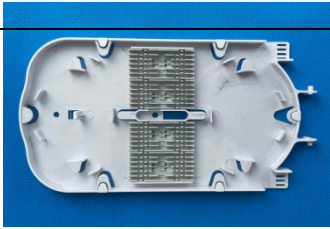


HTSC-220-BC12 product picture


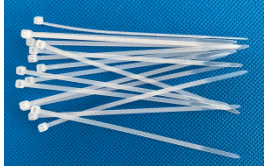




5. Configuration


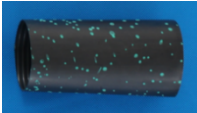




5.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T011A		24F(Single fiber,1 layer)	

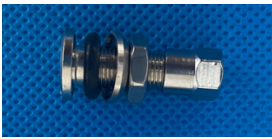


2	T117A		48F(Single fiber,2 layer)	
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5.2 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=60mm(T011A) L=45mm(T117A)
2	Nylon cable tie		16 pcs	L=120mm
3	Branch clip		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	Sand paper		4 pc	2.5cm*27cm

7	Aluminum foil		4 pc	10cm*25cm
8	Heat shrink tube(Oval port)		1 pc	Φ75x150mm
9	Heat shrink tube(Round port)		6 pc	Φ40x150mm
10	Installation manual		1pc	English
11	Desiccant		2 bag	5g/bag
12	Heat shrink tube(Round port)		6 pc	Φ30x150mm

5.3 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Remark
1	Pressure testing valve			1pc	
2	Earthing deriving device			1pc	
3	Pole-mounting kit	BZ25		1 set	

4	Aerial-mounting kit	JK05		1 set	
5	Wall-mounting kit	GB19		1 set	

6. Package

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