Technical Specification

Fiber Optic Splice Closure

HTSC-220

Customer Approval			
	Name	**Signature**	**Date**
Approved by			

Contents

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	Fiber optic splice closure (dome type)

Appearance of HTSC-220

1.2 Standards Comply

ITU L.13	Performance requirements for passive optical nodes: Sealed closures for outdoor environments

1.3 Applications Environment

| Item	Value
Operation temperature	-40 ºC ~ +65 ºC
Installation temperature	-15 ºC ~ +40 ºC
Storage temperature	-45 ºC ~ +75 ºC

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

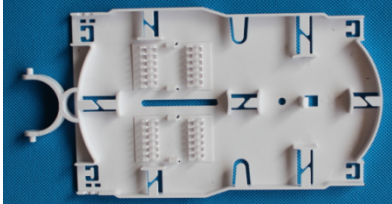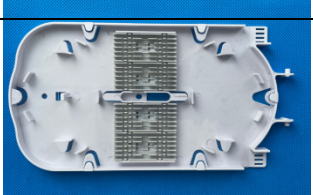| Item	Specifications	Note
Material of housing	High-strength PP+GF	
Material of internal components	High-strength ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	Φ293*488mm	
Color	Black	
Number of ports	1 oval port 6 round ports	
Fiber cable diameter of oval port (mm)	12-30 mm	
Fiber cable dimension of round port (mm)	12-30 mm	
Sealing type	Heat shrink sealing	
IP grade	IP68	
Splicing capacity(Max)（T010A）	11x24=264F(Single fiber)	Splice tray type and quantity can be optional as customer's request
Splicing capacity(Max)（T011A）	12*24=288F(Single fiber)	Splice tray type and quantity can be optional as customer's request
Splicing capacity(Max)（T117A）	12*48=576F(Single fiber)	Splice tray type and quantity can be optional as customer's request
Splicing capacity(Max)（T011E）	12*144=1728F(12F Ribbon)	Splice tray type and quantity can be optional as customer's request

4.Product Picture

12 ~ 30mm

12 ~ 30mm
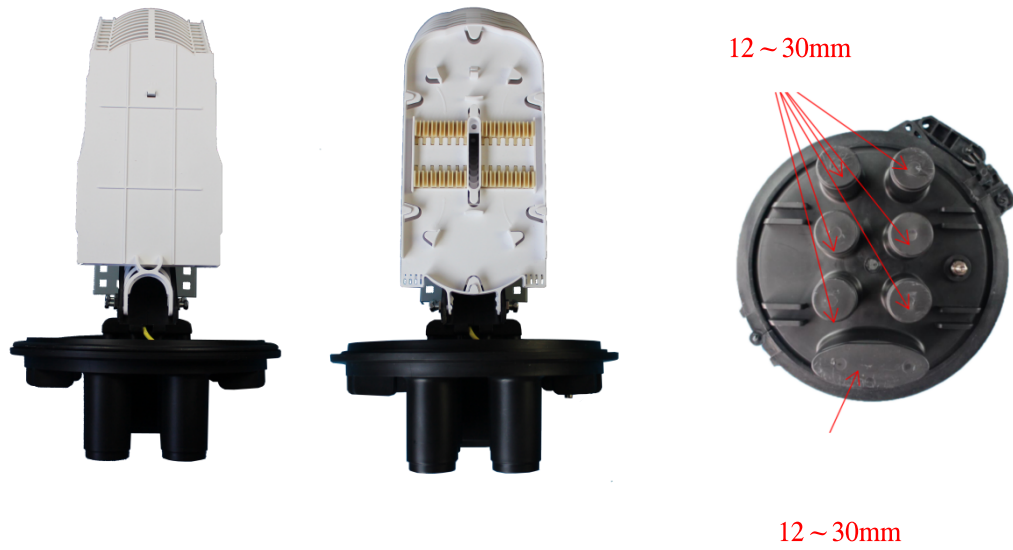
HTSC-220 product picture
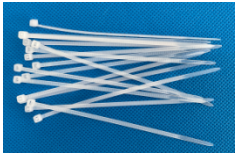
5. Configuration
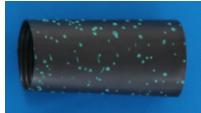
5.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T010A		24F(Single fiber,2 layer)	

2	T011A		24F(Single fiber,1 layer)	
3	T117A		48F(Single fiber,2 layer)	
4	T011E		144F（12F Ribbon）	

5.2 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve	or	1 bag	L=60mm（T010A） L=60mm（T011A） L=45mm（T117A） L=40mm (T011E)
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	Installation manual		1pc	English
10	Desiccant		2 bag	5g/bag

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	Heat shrink tube(Round port)			6 pc	Φ40x150mm
7	Elliptical hole plug	BC6-002-M8-5 mm		1 set	Maximum diameter of cable Ø 3~Ø5.2mm
8	Elliptical hole plug	BC6-002-M6-8 mm		1 set	Maximum diameter of cable Ø 5~Ø 8mm
9	Elliptical hole plug	BC6-002-M4-9 mm		1 set	Maximum diameter of cable Ø5~Ø 9mm
10	Elliptical hole plug	BC6-002-M1-16mm		1 set	Maximum diameter of cable Ø13~Ø 16mm

11	Elliptical hole plug	BC6-002-M2-11mm		1 set	Maximum diameter of cable Ø 8~Ø11mm
12	Elliptical hole plug	BC6-002-M12-2.5mm		1 set	Maximum diameter of cable Ø 2.5mm
13	Elliptical hole plug	BC6-002-M12-3.2mm		1 set	Maximum diameter of cable Ø 3.2mm
14	Elliptical hole plug	BC6-002-M8-2x3mm		1 set	Maximum diameter of cable 2x3mm
15	Elliptical hole plug	BC6-003-M8-3mm		1 set	Maximum diameter of cable Ø 3mm

6. Package

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