Technical Specification

Fiber Optic Splice Closure

HTSC-P224-16SC

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-P224-16SC	Fiber optic splice closure (dome type)

Appearance of HTSC-P224-16SC

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

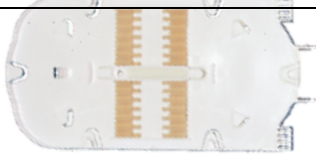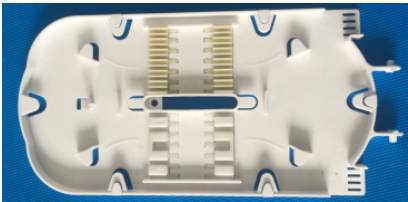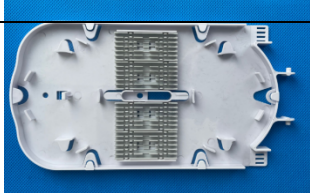| Item	Specifications	Note
Material of housing	High-strength PP+GF	
Material of internal components	High-strength ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	Φ230*450	
Color	Black	
Number of ports	1 oval port 4 round ports	
Fiber cable diameter of oval port (mm)	Φ9-Φ22 mm	
Fiber cable dimension of round port (mm)	Φ8~Φ17.5 (2 small round ports) Φ12~Φ30 (2 big round ports)	
Sealing type	Heat shrink sealing	
Compatibility split ratio splitter	1:2, 1:4, 1:8	
Max quantity of splitter	1 for each splice tray	
IP grade	IP68	
Splicing capacity(Max)（T010A）	2x24=48F	Splice tray type and quantity can be optional as customer's request
Splicing capacity(Max)（T011A+T011C）	1x24+12=36F	Splice tray type and quantity can be optional as customer's request
Splicing capacity(Max)（T117B）	24F	Splice tray type and quantity can be optional as

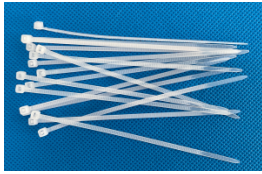|	customer's request

4. Product Picture
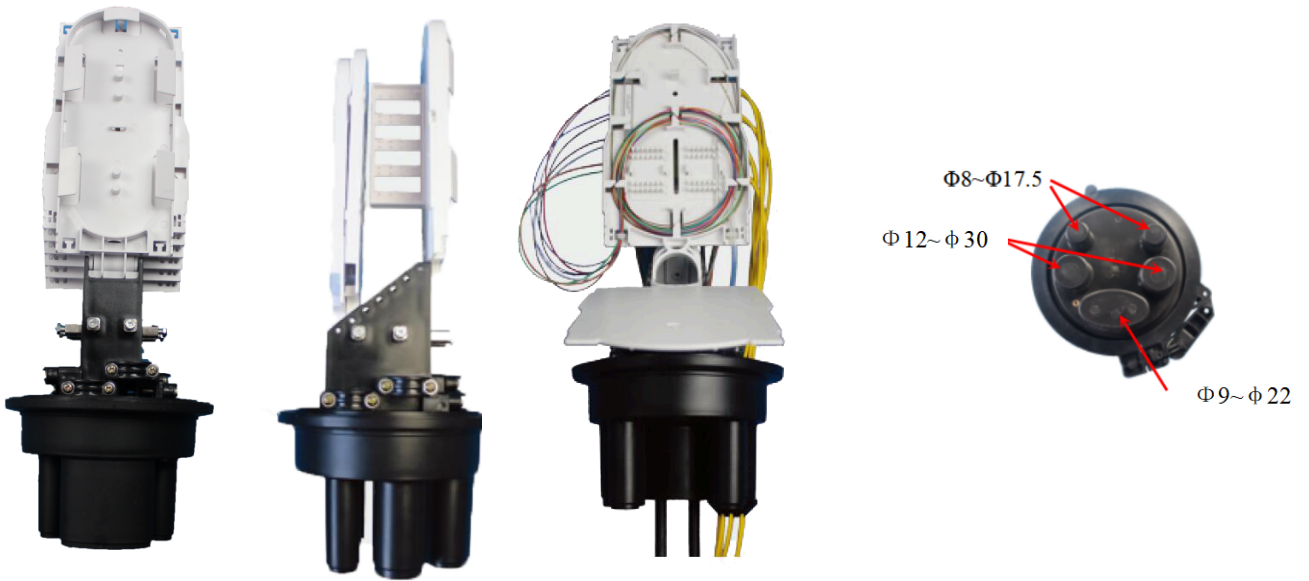
HTSC-P224-16SC product picture

5. Configuration
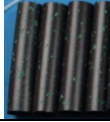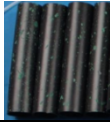
5.1 Optical splice trays

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

2	T011A		24F(Single fiber,1 layer)	
3	T011C		12F(2 layers)+ 2PLC splitters	
4	T117A		48F(Single fiber,2 layer)	
5	T117B		24F(Single fiber,2 layer)+ 4 PLC splitters	

5.2 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=60mm(T010A) L=60mm(T011A) L=45mm(T117A) L=45mm(T117B)

2	Nylon cable tie		16 pcs	L=120mm
3	Branch clip		1 rolls	
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		1 pc	2.5cm*27cm
7	Aluminum foil		1 pc	10cm*25cm
8	Heat shrink tube(Oval port)		1 pc	Φ65x150mm
9	Heat shrink tube(Round port)		2 pc	Φ30x150mm
10	Heat shrink tube(Round port)		2 pc	Φ40x150mm
11	Installation manual		1pc	English
12	Desiccant		1 bag	5g/bag

5.3 Optional Rubber Plug for Round Port

No	Model	Pic	Specification	Note
1	BC6-002-M4-9 mm		Up to 4 drop cables Maximum diameter of cables Ø 9 mm	
2	BC6-002-M8-5 mm		Up to 8 drop cables Maximum diameter of cables Ø5 mm	

5.4 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Remark
1	Pressure testing valve			1pc	

2	Earthing deriving device			1pc	
3	Pole-mounting kit	BZ24		1 set	
4	Aerial-mounting kit	JK04		1 set	
5	Wall-mounting kit	GB18		1 set	

6. Package

Standard   Double corrugated carton, 730*480*460 mm, 6 in carton, about 26Kg