Technical Specification

Fiber Optic Splice Closure

HTSC-326-32SC

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 cable joints.

Production type	Classification
HTSC-326-32SC	Fiber optic splice closure (dome type)

Appearance of HTSC-326-32SC

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. 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. Suitable for bunchy and ribbon fibers.
9. Aerial, underground, wall-mounting, hand hole-mounting pole-mounting and duct-mounting are appropriate.

3. Specifications

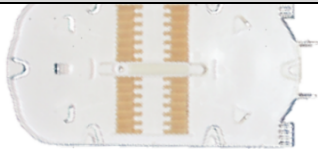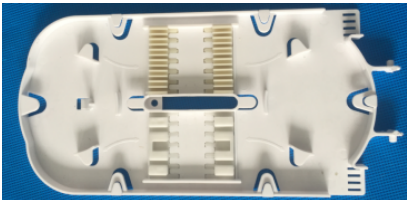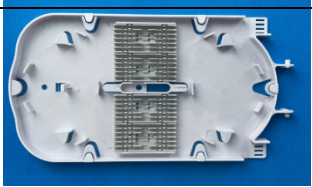| Item	Specifications	Note
Material of housing	High-strength PP+GF	
Material of internal components	High-strength ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	Φ230*450	
Color	Black	
Number of ports	1 oval port, 4 round ports	
Fiber cable diameter of oval port (mm)	Φ6~Φ17.5mm	
Fiber cable dimension of round port (mm)	Φ6~Φ17.5mm	
Sealing type	Mechanical	
IP grade	IP68	
Compatibility split ratio splitter	1:2, 1:4, 1:8，1:16	
Max quantity of splitter	1 for each splice tray	
Splicing capacity(Max) （T011A）	24Fx3=72F	Optional as request
Splicing capacity(Max) (T117A)	48F x 2=96F	

4.Product Picture

HTSC-326-32SC product picture
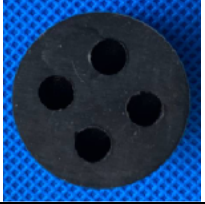
5. Configuration

5.1 Optical splice trays

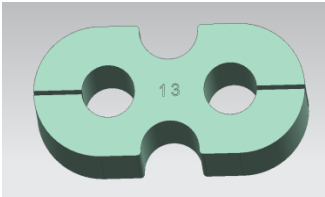| No	Model	Pic	Capacity	Note
1	T011A		24F(1 layer)	
2	T011C		12F(1 layers)+ 2PLC splitters	

| 3 | T117A | | 48F(Single fiber, 2 layer) | |
| 4 | T117B | | 24F(Single fiber,2 layer)+4PLC splitters | |

5.2 Optional Rubber Plug for Round Port

No	Model	Pic	Specification	Note
1	DT04-A		9holes, 2*5mm	
2	DT04-B		9holes, Φ3mm	
3	DT04-C		4holes, Φ5.3mm	
4	DT04-D		9holes, 2*5mm	
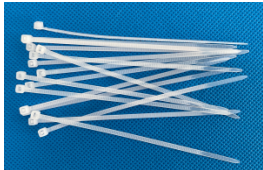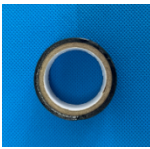
5	DT04-H		Big hole,Φ17.5mm Small hole,Φ10mm	
6	DT04-I		Big hole,Φ17.5mm Small hole,Φ13mm	
7	DT04-J		12holes, 2*3mm	

5.3 Sealing rubber ring specifications of straight-through cable ports

No	Moudel	Pic	Specification	Note
1	DT03-A		φ14~φ17.5mm	Default, 1 PCS
2	DT03-B		φ8~φ11mm	
3	DT03-C		φ11~φ14mm	

4	DT03-D		Φ6~φ8mm	
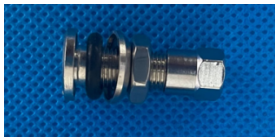
5.4 Standard Accessories

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		16 pcs	L=120mm
3	Special wrench		1set	
4	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	gasket		4pcs	

8	Fiber optic cable plug		4pcs	
9	Fiber optic cable plug		2pcs	
10	Sealing kit for branch cable		4sets	
11	Installation manual		1pc	English
12	Desiccant		1 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	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 24Kg.