Technical Specification

Fiber Optic Splice Closure

HTSC-318

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-318	Fiber optic splice closure (dome type)

Appearance of HTSC-318

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

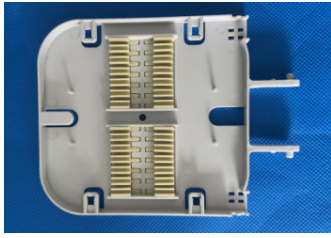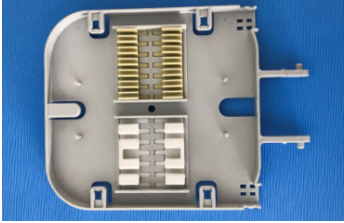| Item	Specifications	Note
Material of housing	High-strength PP+GF	
Material of internal components	High-strength ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	Φ230*345	
Color	Black	
Number of ports	1 oval port, 4 round ports	
Fiber cable diameter of oval port (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	
Max quantity of splitter	1 for each splice tray	
Splicing capacity(Max) HTSC-318	4x24=96	Optional as request

4. Product Picture

HTSC-318 product picture

6. Configuration

5.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T059A		24F(2 layer)	
2	T059B		12F(2 layers)+ 2 PLC splitters	

3	T059C		12F(2 layers)+ 1 PLC splitters	
4	T108A		24F(1 layer)	
5	T108B		12F(1 layer)+ 2 PLC splitters	
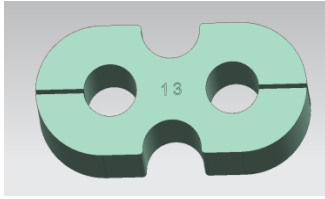
5.2 Optional Rubber Plug for Round Port

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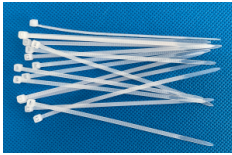
3	DT04-C		4holes, Φ5.3mm	
4	DT04-D		9holes, 2*5mm	
5	DT04-H		Big hole,Φ17.5mm Small hole,Φ10mm	
6	DT04-I		Big hole,Φ17.5mm Small hole,Φ13mm	
7	DT04-J		12holes, 2*3mm	

5.3Sealing rubber ring specifications of straight-through cable ports

No	Moudel	Pic	Specification	Note
1	DT03-A		φ14~φ17.5mm	Default, 1 PCS
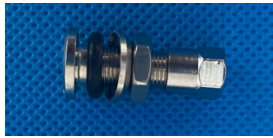
2	DT03-B		Φ8~φ11mm	
3	DT03-C		φ11~φ14mm	
4	DT03-D		Φ6~φ8mm	

5.4 Standard Accessories

No.	Name	Reference picture	Quantity	Note
1	Heat-shrinkable protection sleeve		1bag	L=45mm（T059A） L=45mm（T059B） L=45mm（T059C） L=40mm（T108A） L=40mm（T108B）
2	Nylon cable tie		16 pcs	L=120mm
3	Special wrench		1set	
4	Sealing tape		1 rolls	Black
5	Installation tape		1 roll	black

6	Buffer tube for bunchy fiber		n pcs	Each piece: OD=4.5mm, L=50cm QTY: n=trays number
7	Special wrench		1set	
8	gasket		4pcs	
9	Fiber optic cable plug		4pcs	ϕ13.5
10	Fiber optic cable plug		2pcs	Φ17.5
11	Sealing kit for branch cable		4sets	
12	Installation manual		1pc	English
13	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	BZ22		1 set	
4	Aerial-mounting kit	JK02		1 set	
5	Wall-mounting kit	GB17		1 set	

6. Package

Standard   Double corrugated carton, 860*535*400 mm, 8 in carton, about 25Kg