

Technical Specification Fiber Optic Splice Closure

HTSC-338

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 cable joints.

Production type	Classification
HTSC-338	Fiber optic splice closure (dome type)



Appearance of HTSC-338

1.2 Standards Comply

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

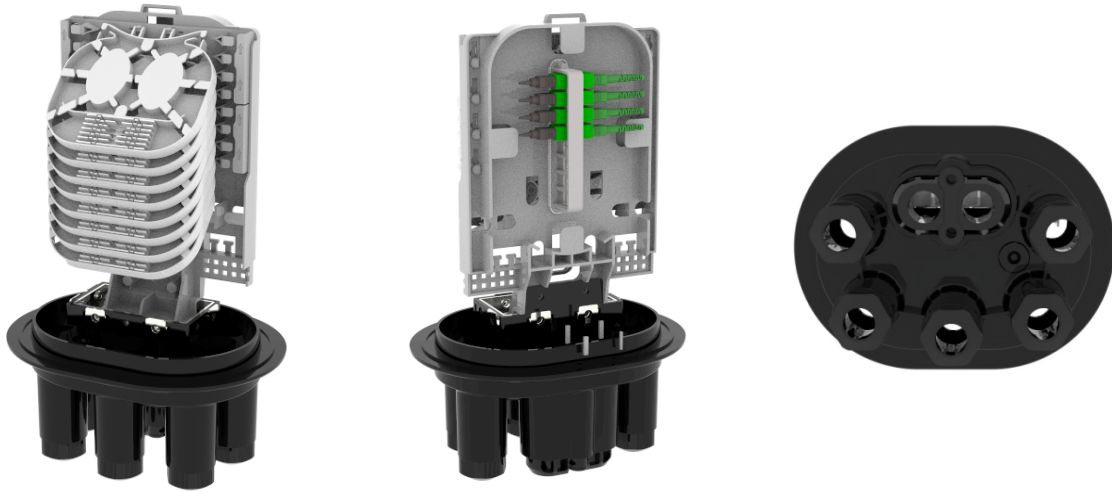
2. Characteristics

1. Dome mechanical sealing with advanced internal structure design.
2. 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. 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)	210*220*370	
Color	Black	
Number of ports	1 oval port, 5 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	
simplex adaptors	8	
Splicing capacity(Max)	8x12=96	Optional as request

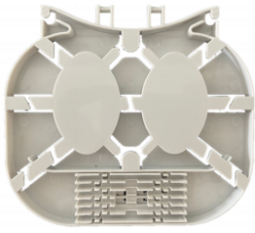
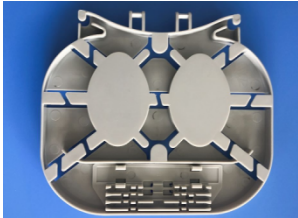
4.Product Picture




HTSC-338 product picture






5. Configuration



5.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T095A		12F(2 layer)	
2	T095B		6F(2 layer)+1PLC splitters	



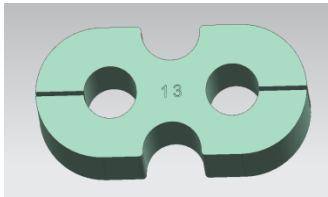

3	T095C		2PLC splitters	
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5.2 Optional Rubber Plug for Round Port


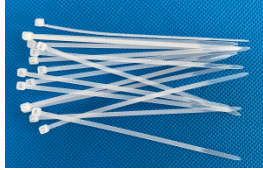








No	Moudel	Pic	Specification	Note
1	DT04-A		9holes, 2*5mm	
2	DT04-B		9holes, Φ 3mm	
3	DT04-C		4holes, Φ 5.3mm	
4	DT04-D		9holes, 2*5mm	
5	DT04-H		Big hole, Φ 17.5mm Small hole, Φ 10mm	




6	DT04-I		Big hole, $\Phi 17.5\text{mm}$ Small hole, $\Phi 13\text{mm}$	
7	DT04-J		12holes, 2*3mm	

5.3 Sealing rubber ring specifications of straight-through cable ports





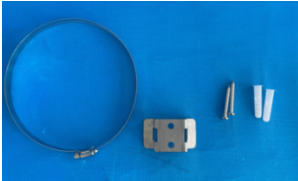
No	Moudel	Pic	Specification	Note
1	DT03-A		$\phi 14 \sim \phi 17.5\text{mm}$	Default, 1 PCS
2	DT03-B		$\Phi 8 \sim \phi 11\text{mm}$	
3	DT03-C		$\phi 11 \sim \phi 14\text{mm}$	
4	DT03-D		$\Phi 6 \sim \phi 8\text{mm}$	

5.4 Standard Accessories

No.	Name	Reference picture	Quantity	Note
1	Heat-shrinkable protection sleeve		1 bag	L=45mm, OD2.5mm after shrinkage.
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		5pcs	
8	Fiber optic cable plug		5pcs	φ13.5
9	Fiber optic cable plug		2pcs	Φ17.5

10	Sealing kit for branch cable		5sets	
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	BZ22		1 set	
4	Aerial-mounting kit	JK02		1 set	
5	Wall-mounting kit	GB16		1 set	

6. Package

Standard

Double corrugated carton, 500*470*455 mm, 4 in carton, about 10Kg