

Technical Specification
Fiber Optic Splice Closure
HTSC-309

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.

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. Innovative elastic seal fitting.
6. IP68 protection can be offered.
7. Suitable for bunchy and ribbon fibers.
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)	Φ178*308	

Color	Black	
Number of ports	4 round ports	
Fiber cable dimension of round port (mm)	$\Phi 8 \sim \Phi 15 \text{mm}$	
Sealing type	Mechanical	
IP grade	IP68	
Splicing capacity(Max) (T050A)	4x12=48	Optional as request

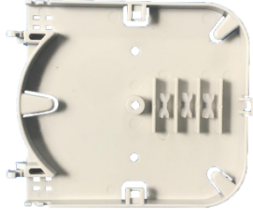
4. Product Picture







HTSC-309 product picture

5. Configuration

5.1 Optical splice trays


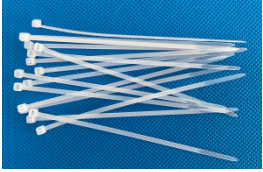
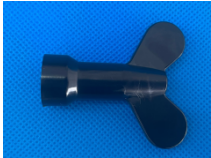

No	Model	Pic	Capacity	Note
1	T050A		12F(2 layer)	









5.2 Optional Rubber Plug for Round Port

No	Model	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, $\Phi 15\text{mm}$ Small hole, $\Phi 10\text{mm}$	
6	DT04-I		Big hole, $\Phi 15\text{mm}$ Small hole, $\Phi 13\text{mm}$	Default, 4 PCS
7	DT04-J		12holes, 2*3mm	

5.3 Standard Accessories

No.	Name	Reference picture	Quantity	Note
1	Heat-shrinkable protection sleeve		1 bag	L=45mm (T050A)
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	φ13.5
9	Sealing kit for branch cable		4sets	
10	Installation manual		1pc	English
11	Desiccant		1 bag	5g/bag

5.4 Optional Accessories

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

2	Earthing deriving device			1pc	
3	Pole-mounting kit	BZ23		1 set	
4	Aerial-mounting kit	JK02		1 set	
5	Wall-mounting kit	GB17		1 set	

6. Package

Standard

Double corrugated carton, 430*820*340 mm, 10 in carton, about 16Kg