Technical Specification

Fiber Optic Splice Closure

HTSC-252-M

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-252-M	Fiber optic splice closure (dome type)

Appearance of HTSC-252-M

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

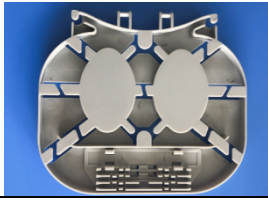| Item	Specifications	Note
Material of housing	High-strength PP+GF	
Material of internal components	High-strength ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	488*φ293	
Color	Black	
Number of ports	1 oval port 6 round ports	
Fiber cable diameter of oval port (mm)	5-20 mm(mechanical sealing)	
Fiber cable dimension of round port (mm)	2-16 mm(mechanical sealing)	
Sealing type	Mechanical sealing	
IP grade	IP68	
Splicing capacity(Max)	12x32=384F	Splice tray type and quantity can be optional as customer's request

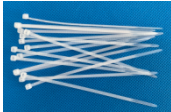**4.Product Picture**

HTSC-252-M product picture

5. Configuration
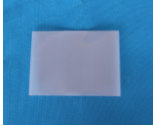
5.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T095A		12F(2 layer)	

2	T095B		1PLC splitters+6F(2 layer)	
3	T095C		2PLC splitters	

5.2 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=45mm（T095A） L=45mm（T095B）
2	Nylon cable tie		16 pcs	L=120mm
4	Installation tape		1 roll	black
5	Buffer tube for bunchy fiber		n pcs	Each piece: OD=4.5mm, L=50cm QTY: 0.5m for every 4 splicing trays
6	Installation manual		1pc	English
7	Desiccant		2 bag	5g/bag

| 8 | More fiber bag | | 1pc | big |
| 9 | More fiber bag | | 1pc | small |

5.3 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Remark
1	Pressure testing valve			1pc	
2	Earthing deriving device			1pc	
3	Aerial-mounting kit	JK05		1 set	
4	Pole-mounting kit	BZ25		1 set	
5	Wall-mounting kit	GB19		1 set	

6	Elliptical hole plug	BC6-001-M2-22mm		1 set	Maximum diameter of cable Ø 21~Ø22mm
7	Elliptical hole plug	BC6-001-M2-20mm		1 set	Maximum diameter of cable Ø 19~Ø20mm
8	Elliptical hole plug	BC6-001-M2-11mm		1 set	Maximum diameter of cable Ø 9.5~φ12mm
9	Elliptical hole plug	BC6-001-M2-8.5mm		1 set	Maximum diameter of cable Ø 7~φ9.5mm
10	Elliptical hole plug	BC6-001-M2-6.5mm		1 set	Maximum diameter of cable Ø 5~φ7mm
11	Elliptical hole plug	BC6-002-M8-5mm		1 set	Maximum diameter of cable Ø 3~Ø5.2mm
12	Elliptical hole plug	BC6-002-M6-7mm		1 set	Maximum diameter of cable Ø 5~Ø8mm
13	Elliptical hole plug	BC6-002-M4-9mm		1 set	Maximum diameter of cable Ø5~Ø9mm
14	Elliptical hole plug	BC6-002-M1-16mm		1 set	Maximum diameter of cable Ø13~Ø16mm

15	Elliptical hole plug	BC6-002-M2-11mm		1 set	Maximum diameter of cable Ø7~Ø11mm
16	Elliptical hole plug	BC6-002-M12-2.5mm		1 set	Maximum diameter of cable Ø 2.5mm
17	Elliptical hole plug	BC6-002-M12-3.2mm		1 set	Maximum diameter of cable Ø 3.2mm
18	Elliptical hole plug	BC6-002-M8-2x3mm		1 set	Maximum diameter of cable 2x3mm

6. Package

Standard   Double corrugated carton, 530*320*705 mm,2 in carton, about 12Kg