Technical Specification
Fiber Optic Splice Closure

HTSC-160A

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-160A	Fiber optic splice closure

Appearance of HTSC-160A

1.2 Standards Comply
The product is designed, manufactured and tested according to the standards as follows:

ITU-T 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

May be used for cut, uncut and taut sheath applications.
May be used for all fiber optic cable.
Sheath retention & central strength member fasten system included.
Ribbed closure construction and lightweight plastic provides strength and resistance
to chemical and U.V attack
Installation and reentry with a minimum of tools
Re-enterable and reusable
All hardware are included
RoHS compliance

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)	382mm x 224mm x139mm	
Color	Black	
Number of ports	8	
Cable ports/Max.diameter of cable(mm)	4 main cable ports: 1 oval port for 1 looped cable with max dia 17.5 mm. 6 round ports for cable with max dia 17.5mm.	
Sealing type	Mechanical	
Splicing capacity(Max)	6*24=144	Ooptional asrequest

4. Product Picture
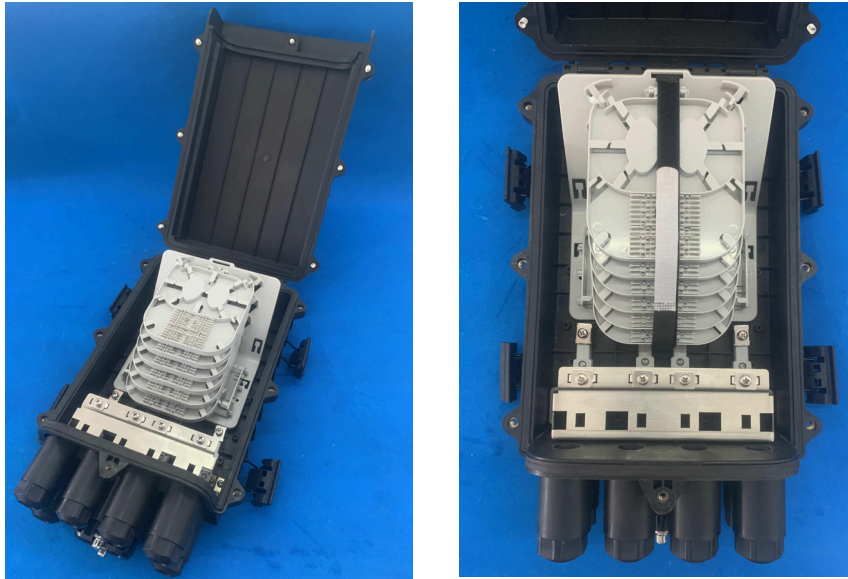
HTSC-160A product picture

5. Configuration

5.1 Optical splice trays

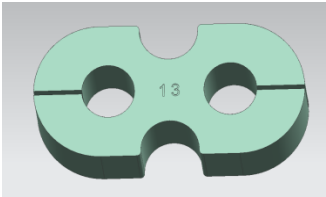| No	Model	Pic	Capacity	Note
1	T061A		24F(2 layer)	

5.2 Optional Rubber Plug for Round Port
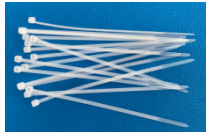
No	Moudel	Pic	Specification	Note
1	DT04-A		9holes, 2*5mm	
2	DT04-B		9holes, Φ3mm	
3	DT04-C		4holes, Φ5.3mm	
4	DT04-D		9holes, 2*5mm	
5	DT04-H		Big hole,Φ17.5mm（φ14~φ17.5）Small hole,Φ10mm（φ7~φ11）	
6	DT04-I		Big hole,Φ17.5mm（φ14~φ17.5）Small hole,Φ13mm（φ10~φ14）	Default, 4 PCS

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	

5.4 Standard Accessories

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=45mm(T061A)
2	Nylon cable tie		16 pcs	L=120mm

3	Installation tape		1 roll	black
4	Buffer tube for bunchy fiber		n pcs	Each piece: OD=4.5mm, L=50cm QTY: n=trays number
5	Hose hoops		8pcs	
6	Sealing tape		1 rolls	Black
7	Special wrench		1set	
8	Special wrench		1set	
9	Installation manual		1pc	English
10	gasket		6pcs	
11	Fiber optic cable plug		8pcs	
12	Sealing kit for branch cable		6sets	

5.5 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Remark
1	Pole-mounting kit	BZ13		1 set	

| 2 | Aerial-mounting kit | JK02 | | 1 set | |
| 3 | Wall-mounting kit | | | 1 set | |

6. Package

Standard   Double corrugated carton,55*53*34 CM, 4 in carton, about 12Kg