

Dome Fiber Optic Splice Closure Introduction

SPFC-PV-24H-4/4C



General Description //

SPFC-PV-24H-4/4C is a into six out type heat sealing cap type optical fiber cable connector box, suitable for $\Phi 7 - \Phi 22$ cable in and out, is suitable for aerial, wall-mounting applications, Pole-mounting ,differences in place.The box body and the base are sealed with the silicone rubber. The cable seal is sealed with a heat shrinkable tube.

Features //

- The fiber optic splice closure consists of cover、pedestal、splice tray、hoop、optical cable storage box.
- The cable entry ports are sealed with heat shrinkable tube.
- This is single fiber splice closure, it provide with one elliptical port and 6 round ports.The elliptical port, which can hold two stick optical cables.
- The case body is made from imported high-intensity engineering plastics(PP) and formed the shape with mould plastics under high pressure. With the advantages of less weight, high

mechanical intensity, corrosive-resistance, anti-thunderstruck and long service life.

- Equipped with air - core and installation
- It can be installed with 1x16/1x32 tube type PLC shunt and 18 /36 SC adapters.

Technical Data



Item	Parameter
Type	SPFC-PV-24H-4/4C
External Size	Φ230×440mm
Net weight	2.7kg
Cable ports	One elliptical port and 6 round ports.
Way to install	Pole-mounting /Wall-mounting/Aerial installation
Cable diameter	Φ7~Φ22
Capacity of splice tray	24 single fiber
Sealing structure	Heat shrinkable sealing structure silicon gum material
Max. Number of Trays	4
Max Capacity	96 single fiber;
Max splitting	1:32(1pc)PLC; 1:16(2pc)PLC ;18/36 SC adapters
Work Temperature	-40 °C ~+60°C
Voltage resistance strength	15 kv dc, 1 minute no breakdown, no flash over phenomenon.
Insulation resistance	$\geq 2 \times 10^4 M\Omega$
Tensile force	$\geq 800N$
Sealing	inflatable make the internal pressure of 100 kpa, into the water to observe more than 15 min, airless bubble generation, air pressure is not falling.
Impact strength	impact energy under 16N.m, impact times for 3 times, no cracks

Product Item



Model	Description	Size	Package	Weight/carton
SPFC-PV-24H-4/4C	Fiber Closure Vertical type support Splitter 24 Cores Max , 24 Cores Splice Tray 4 IN 4 OUT Hot melt sealing without Splitter, support 1:32/1:16(2PCS) type C	Φ230*440mm		
SPFC-PV-48H-4/4C	Fiber Closure Vertical type support Splitter 48 Cores Max , 24 Cores Splice Tray 4 IN 4 OUT Hot melt sealing without Splitter, support 1:32/1:16(2PCS) type C	Φ230*440mm	540*485*465/4P CS	12.3KG/4 PCS
SPFC-PV-72H-4/4C	Fiber Closure Vertical type support Splitter 72 Cores Max , 24 Cores Splice Tray 4 IN 4 OUT Hot melt sealing without Splitter, support 1:32/1:16(2PCS) type C	Φ230*440mm		

SPFC-PV-96H-4/4C	Fiber Closure Vertical type support Splitter 96 Cores Max , 24 Cores Splice Tray 4 IN 4 OUT Hot melt sealing without Splitter, support 1:32/1:16(2PCS) type C	φ230*440mm		
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Accessories //

1. fixture for fixing on the pole
2. branch card
3. heat shrinkable tube
4. hoop
5. seal ring
6. heat shrinkable sleeve
7. nylon tie
8. earthing wire
9. adjustable retainer for fixing on the pole
10. marking not
11. sand paper
12. exposed wire protective sleeve
13. fixture for fixing on the wall

Operations //

I、 optical cable installation

- 1.saw the entry port for easy inserting the optical cable.
- 2.clean the dust and other stains on the optical cable(about 1.8m) with clean cloth.
- 3.insert the optical cable into entry port

II、 optical cable preparation

1. strip the protective sheath of optical cable, clean the fillings on the loose tube, cut off reinforced core which 75mm away from the sheath slice.
2. cut loose tube ,which 35mm away from the cable slices, clean the grease on the optic fiber, insert the fiber into the exposed wire protective sleeve.
- 3.insert reinforced core into reinforced core fixing screws, and press it tightly, cut off surplus part.

III、 elliptical port sealing

- 1.clean the elliptical port and protective sheath with paper or cloth.
- 2.abrade the elliptical port and protective sheath,then clean the leavings.
- 3.put heat shrinkable tube 3(b) on the elliptical port,then paste a mark on the optical cable which on bot tom of the tube.
- 4.paste another mark 5mm away from the first mark
- 5.wind the heat aluminun screen around the optical fiber from the second mark.
- 6.when install second optical cable, please choose heat shrinkable tube according to the size of cable and insert branch card. (remarks: insert all branch card into heat shrinkable tube)
- 7.heat the shrinkable tube, until the mucus sliding from the two cables.

IV、 optic fiber installation

1. every splice tray can hold maximum 24 fibers, the margin of the tray can hold 2 sticks exposed fiber protective sleeve,

2. cut off surplus protection sleeve, and fix the protection sleeve on the fiber splice tray with nylon tie.

V、optic fiber connecting and storage

1. connect optic fiber according to the connection requirements.

2. set the splices in the tray grooves, surplus fibers coiled in the tray.

3. check the fibers, and put transparent cover on, fix it on the splice tray.

VI、splice closure installation

1. put the cover on the pedestal and seal them with hoop

2. pole-mounting please choose accessories

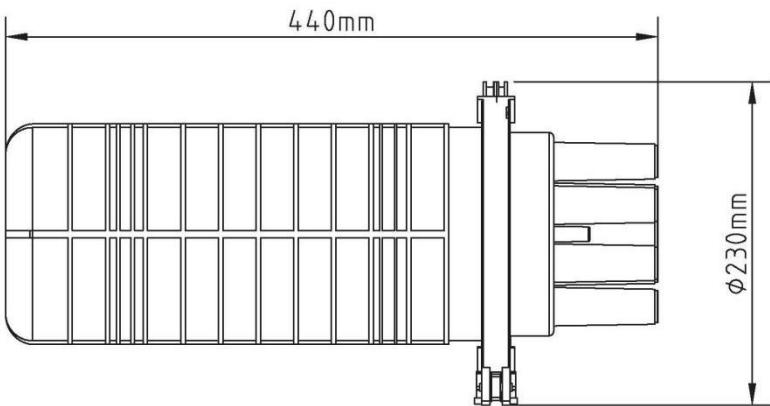
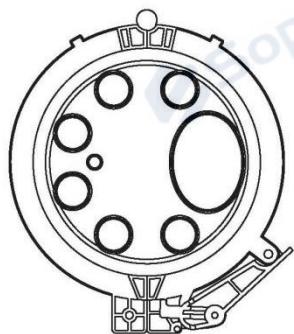
3. wall-mounting please choose accessories

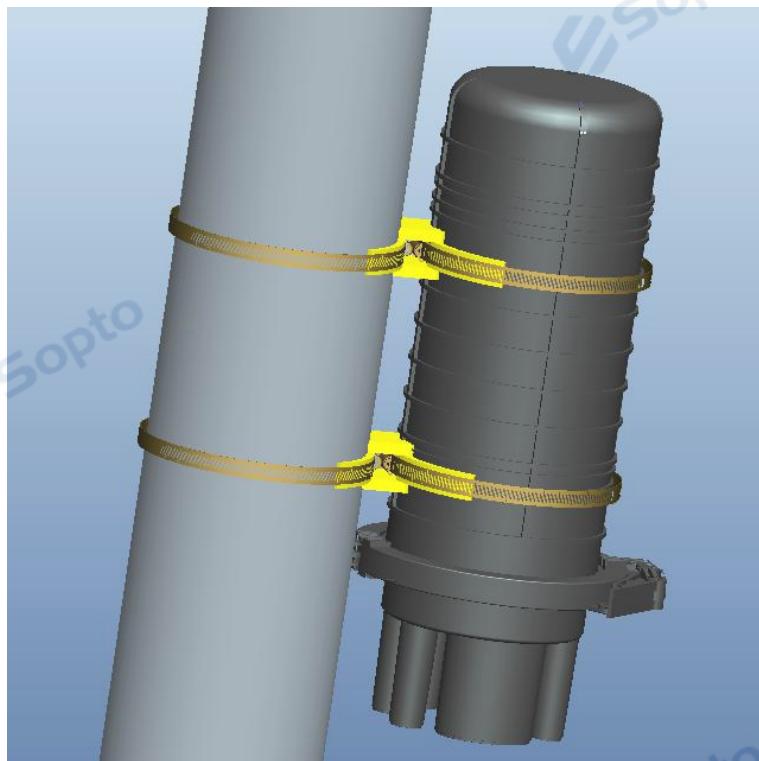
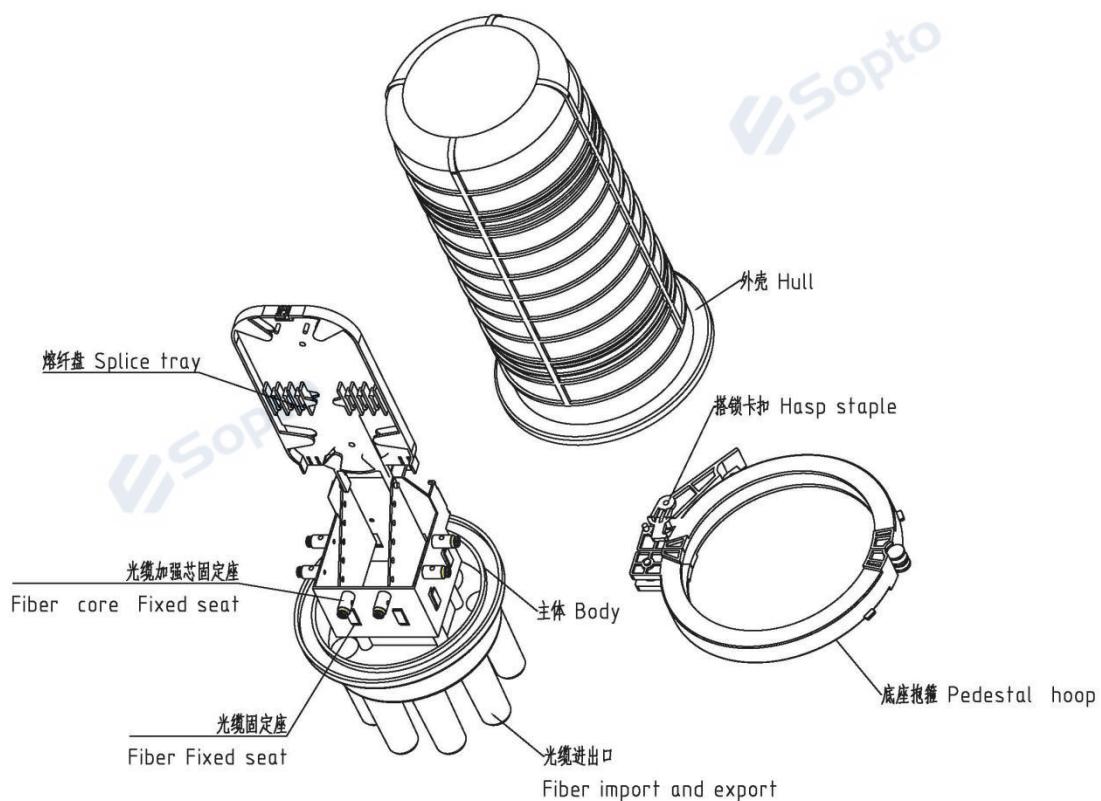
Packing list



Number	Item	Quantity
1	Joint case main body	1SET
2	Heat shrinkable tube	1 SET
3	Hanging tools	1pair
4	Fiber Optic Splice Sleeve	Allocated by the number of fibers
5	Hose hoops	8PSC

Dimensions& Installation Dimensions





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