Optical Splice Closure

Model:FSP-w/c

Optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

Product Introduction

This dome type splice closure has 4 cable entry ports, it can accommodate up to 6 24-fiber splice trays.

The closures employ gasket-sealing technology that enables ease of installation and re-entry requiring no special tools. Air valve is also available as an optional accessory for direct burial applications.

Product features

1.Keep the product in a draughty and dry store, without corrosive gas in.
2.Storage Temperature Range： -40℃ ~ +60℃

Technical Parameters

Item	FSP-w/c
Dimension（mm）	Φ230×440
Weight（Kg）	2.7
Diameter of Cable(mm)	Φ7~Φ22
No. of Cable Inlet/Outlet	seven
Number of Fibers per Tray	24（single core）
Max. Number of Trays	6
Max. Number of Fibers	144（single core）
Sealing of Inlet/Outlet ports	Heat-shrinkable tube
Sealing of Shells	Silicon rubber

Installation Steps

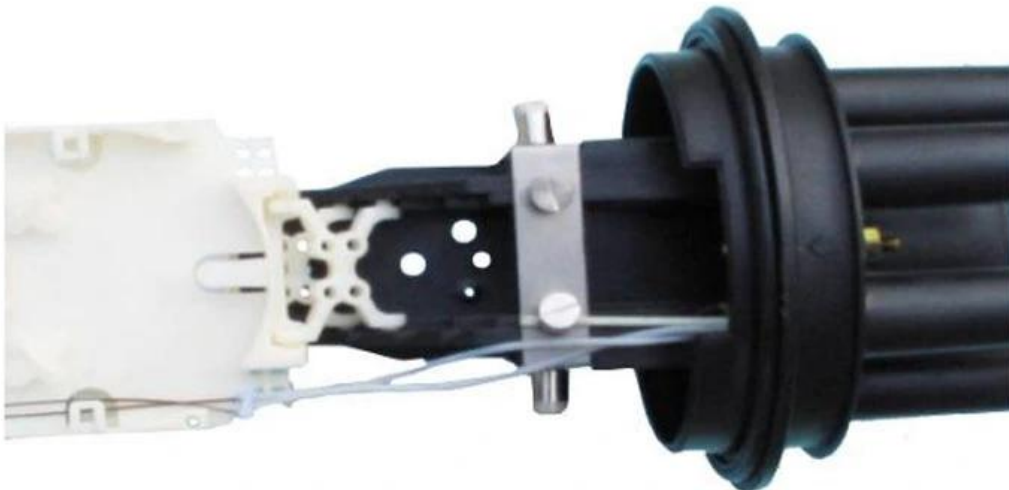(1) Saw the entry ports as need.

(2) Strip the cable as the requirement of installation, and put the heat-shrinkable tube on.

(3) Penetrate the stripped cable to the bracket through the entry ports.,fix the strengthen wire of wire of the cable on the bracket by the screwdriver.

(4) Fix the fibers on the entry part of the splice tray by nylon ties.

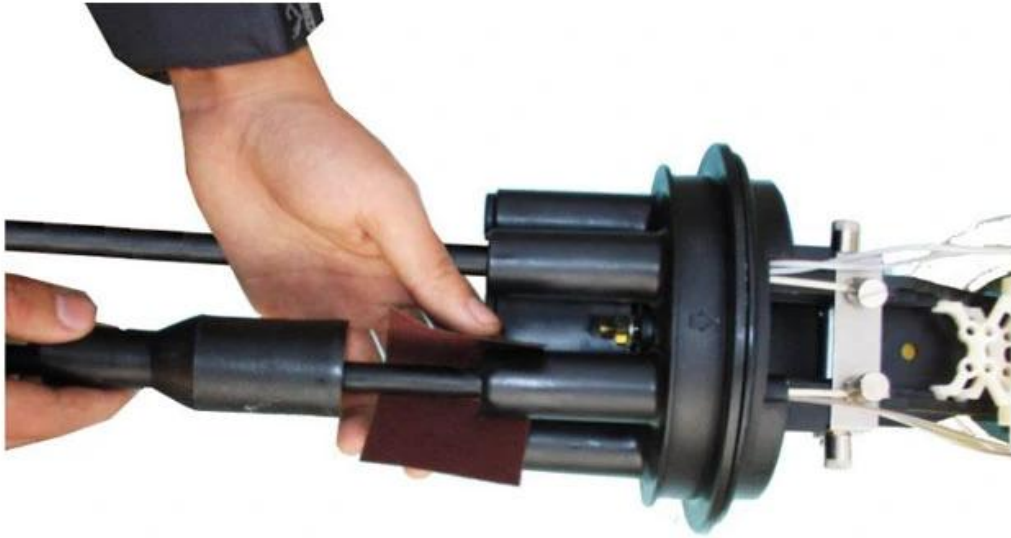(5) Put the optic fiber on the splice tray after splicing and make noting.
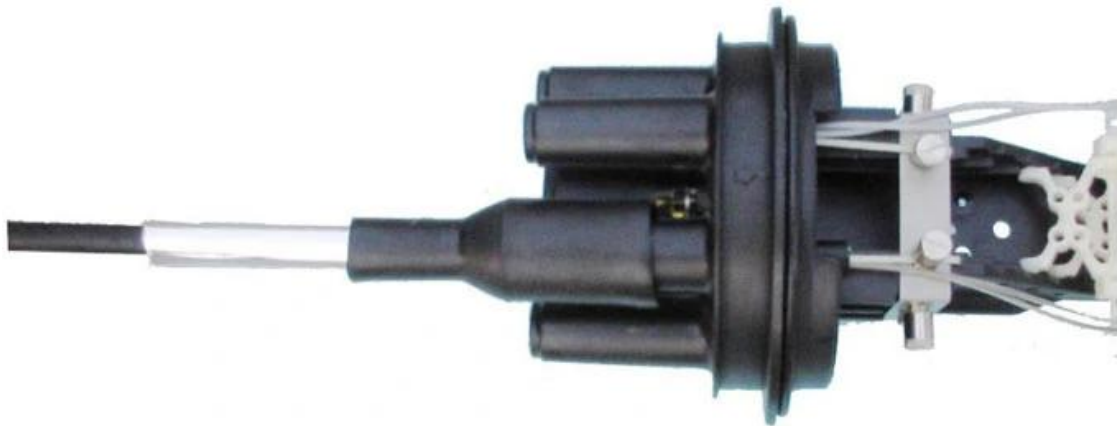
(6) Put the dust cap of the splice tray on.

(7) Sealing of the cable and the base: clean the entry ports and cable with 10cm long by scrubber.

(8) Sand the cable and entry ports that need to heat-shrink by abrasive paper. Wipe the dust that be left after sanding away.

(9) Bound and even the heat-shrink part with aluminum paper to avoid burn caused by high temperature of blast burner.

(10) Put the heat-shrinkable tube on the entry ports, then, heating by blast burner and stop heating after it is tighten. Let it be cool naturally.

(11) Usage of branch folk: when heating the oval entry port, folking the heat-shrinkable tube to separate the two cables and heating it follow the steps above.

(12) Sealing: use clean scrubber to clean the base, the part to put silicone rubber ring and silicone rubber ring, then, put the silicone rubber ring on. 。

(13) Put the barrel on the base.

(14) Put on the clamp, run the ferris wheel to fix the base and barrel.

(15) When installing, fix the hanging hook as showing.

i.Aerial-hanging

ii.Wall-mounting

Packaging & Shipping

Packaging:
Normal package, Packed in Roll, Plastic film winding, Standard export carton, Or based on your demands.

Shipping:
The package of this product adapts to any transportation ways. Avoid collision, drop, direct shower of rain & snow and insolation.