

Dome Fiber Optic Splice Closure

The GPJM3-RS Dome Fiber Optic Splice Closure is used in aerial, wall-mounting applications, for the straight-through and branching splice of the fiber cable. The closure has four entrance ports on the end (three round ports and one oval port). The shell of the product is made from ABS. The shell and the base are sealed by pressing the silicone rubber with clamp allocated. The entry ports are sealed by heat-shrinkable tube. The closures can be opened again after be sealed, reused again without changing the sealing material.

Product Specifications

Item	GPJM3-RS
Dimension (mm)	Φ190×435
Weight (Kg)	2.3
Diameter of Cable(mm)	Φ7~Φ22
No. of Cable Inlet/Outlet	four
Number of Fibers per Tray	24 (single core)
Max. Number of Trays	4
Max. Number of Fibers	96 (single core)
Sealing of Inlet/Outlet ports	Heat-shrinkable tube
Sealing of Shells	Silicon rubber

Kit Contents

Item	Type	Quantity
Fiber Optic Splice Sleeve		Allocated by the number of fibers
Buffer Tube	PVC	Allocated by the trays

Nylon Ties		4×trays
Heat-shrinkable Tube	Φ32×200	4 PCS
Heat-shrinkable Tube	Φ70×250	1 PCS
Branch Fork		1 PCS
Marking Note	4×cores of fiber cable	
Hanging Tools	Aerial-hanging or all-mounting	1 pair
Plastic hoop		1 piece
Plastic wrench		2 small and 1 big
Seal ring		1 piece
Sand paper		1 piece
aluminum paper		1 piece

Tools Required

- (1) Blast Burner or Welding Gun
- (2) Saw
- (3) Minus Screwdriver
- (4) Cross-shaped Screwdriver
- (5) Pliers
- (6) Scrubber

Display of the Serial Assemblies and Tools Needed

Serial Assemblies



Self-prepared Installation Tools



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.



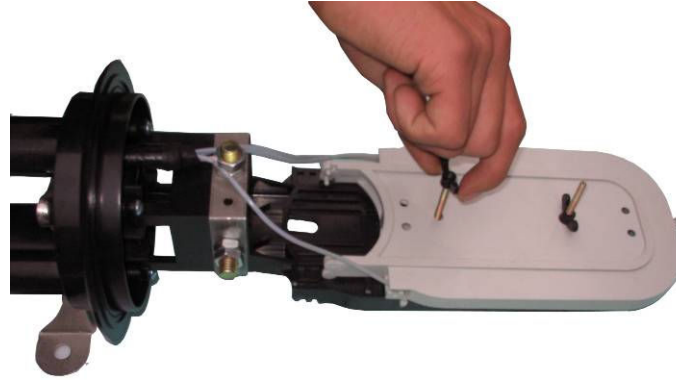
(4) Fix the fibers on the entry part of the splice tray by nylon ties.



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



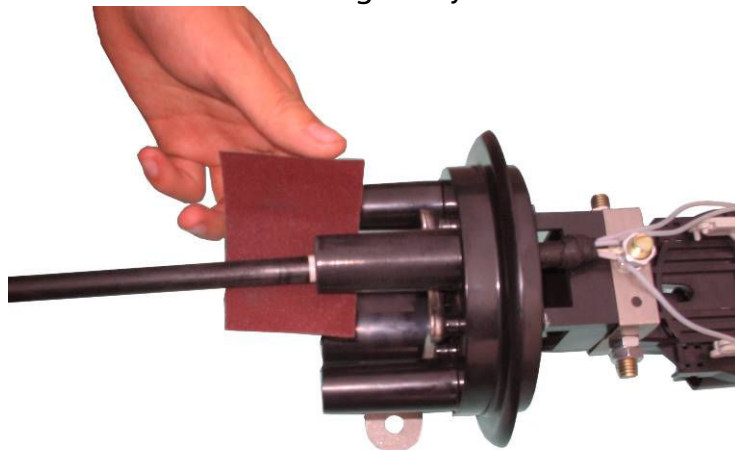
(6) Put the dust cap of the splice tray on.



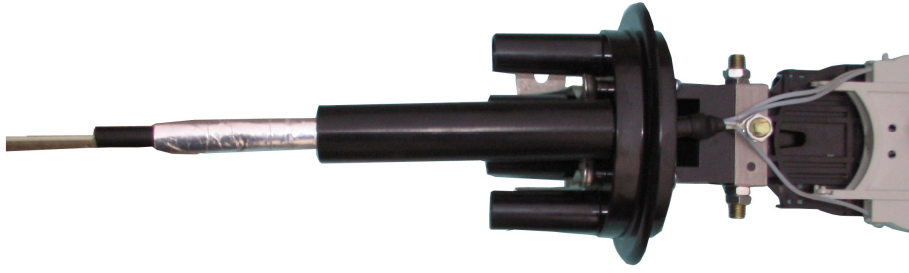
(7) Sealing of the cable and the base: clean the entry ports and cable with 10cm long by scrubber.



(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.



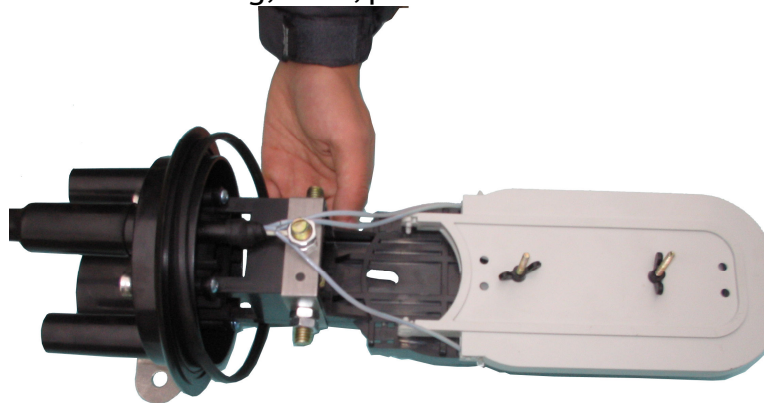
(10) Put the heat-shrinkable tube on the entry ports, then, heating by blast burner and stop heating after it is tighten. Let it be cool naturally.



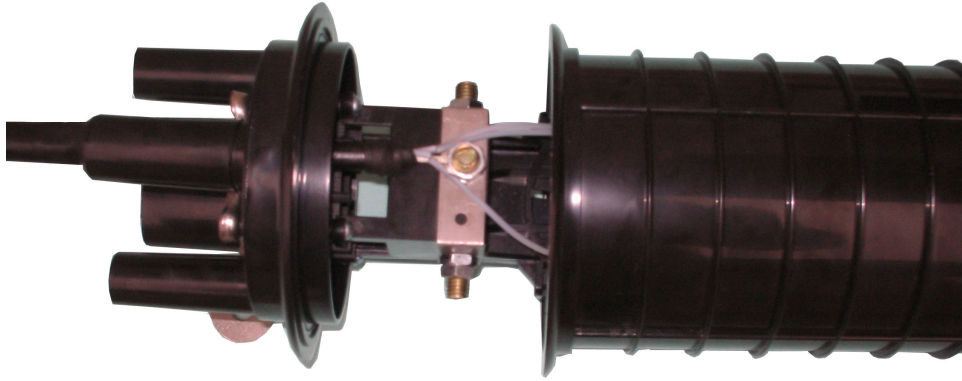
(11) Usage of branch folk: when heating the oval entry port, folk the heat-shrinkable tube to separate the two cables and heating it follow the steps above.



(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.



(14) Put the barrel on the base.



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



(16) When installing, fix the hanging hook as showing.
i.Aerial-hanging

