



## GJS03A Fiber Optic Splice Closure



GJS 03 A Fiber optic splice closures are specially designed to protect joints of optic cable.

Excessive fibers can be stored in storage baskets behind the splice trays.

The optical fibers are taken into from middle of splice tray.

One tray can accommodate up to 24 fiber splices. Per closure can accommodate up to 6 trays.

The dome material mixed chemical agent to resist corrosion and aging and also provide ultra-violet protection.

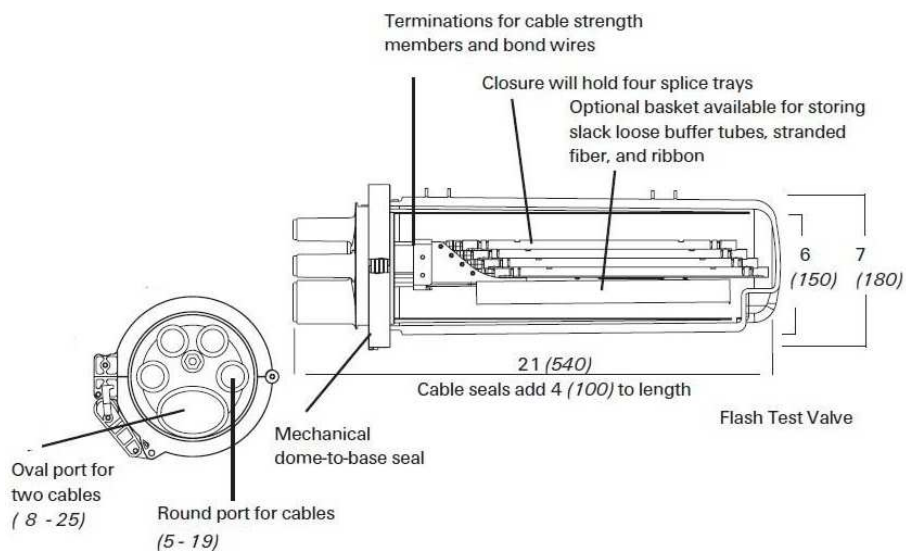
Materials for dome and base: PP alloy;

Material for the tray: ABS

IP degree: IP 68

Warranty: 25 years

Model	Fiber Optic Splice Tray	Max. Capacity	Dimension ( mm )	Cable Entry and Size
GJS03 A - 144c	6 pieces of tray with 12 or 24C per tray	144 c	Height:540mm, Base diameter:150/180mm	4 round ports : 20 mm 1 oval port : 60 * 40 mm





### Application :

It can be installed in aerial locations, ducted applications, direct buried, manholes. Small volume but large capacity.

### Features:

1. Excessive fibers can be stored in storage baskets. Easy in fiber management.
2. Fabricated by mixing the imported material and other chemical assistant agent (ageing resistance & ultraviolet radiation resistance), increase of service life
3. Base-to-dome seals on closure are mechanical and heat-shrinkable for ease of installation and reentry. No other sealing adhesive tape is needed
4. Base and dome sealed with clamp and O-ring system
5. The splice trays are hinged for access to any splice without disturbing others trays
6. The inner parts and fixing parts are made of stainless steel
7. Closure with a earthing device protect it from damage by lightning
8. Compatible with most cable types(single fiber or ribbon), and cable constructions(loose tube, central core, slotted core, modular). And the product can be used in any environment (aerial, buried, handhole, manhole)and in many applications(tap-off, expressed, branch, and repair)
9. No special tools are needed to open the closure, and it can be opened and used repeatedly.
10. The closure includes an equal number of 60mm thermal sleeves protectors than the capacity of the closure.
11. All the metallic parts of the closures resist corrosion and are made of non-corrosive steel.
12. Includes accessory kit subjection to air, pole and wall.

### Technical Parameter:

1. Working Temperature: -40 degrees centigrade~+70 degrees centigrade
2. Atmospheric Pressure: 70~150Kpa
3. Axial Tension: >2000N/1min
4. Stretching Resistance: 2500N/10 square centimetre(1min)
5. Insulation resistance: >2\*10<sup>4</sup>MΩ
6. Voltage Strength: 15KV/1min, no arcover or breakdown
7. Pressure in the water: 50m/72hours
8. Splice tray with optical taking-in radius≥ 40mm. Low optical loss.

### Closure description:

**1, Dome:** It is made by PP alloy with special elements which provide excellent performance in different using circumstance. Such as, anti-UV, anti- corrosive, Antifreeze, resistant to fungi.

**2, Base:** It is made by PP alloy with special elements which provide excellent performance in different using circumstance.

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The base provides the function for the splicing trays. one big ports and 4 round ports. All the ports are available for



different kinds of rubber buffer, which depends on the fiber cable what the project need.

**3. Closing ring:** It consists one rubber ring and closing hook. The hook is made by PP alloy with nylon.

**4. Tray Tower:** The mounting bracket is available for 6 trays in the same direction.

**5. Fiber cable strength member system:** The central member of each individual cable can be attached at this point. Whatever main cable or branch cables, including FTTx cable are available.



**6. Grounding device:** A sealed grounding device can be pre-mounted in the base to connect metallic components to an external ground.



**7. Flash test valve:** It is optional kits, made of anti-corrosive metal.



#### Accessories:

**The accessories included in the GJS 03 A Fiber optic splice closures :** grounding wire, nylon tie, emery paper, buffer tube, metal hoop, sealing tape, insulation tape, grounding device, pressure testing valve. Splice fusion tube, seals for all access cable.