

GJS03 A4 with S1 splice tray

GJS03 series is high-quality fiber optic splice closures which are specially designed to ensure high protection and full recovering of physical construction and functionality of connected optical cables. The dome material is mixed with chemical agents in order to increase the resistant of corrosion and aging and also to provide longtime UV-protection.

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



Main Features

- ❖ Excessive fibers can be stored in storage baskets. Easy in fiber management.
- ❖ Fabricated by mixing the imported material and other chemical assistant agent (ageing resistance & ultraviolet radiation resistance), increase of service life
- ❖ Base-to-dome seals on closure are mechanical and heat-shrinkable for ease of installation and reentry. No other sealing adhesive tape is needed
- ❖ Base and dome sealed with clamp and O-ring system
- ❖ The splice trays are hinged for access to any splice without disturbing others trays
- ❖ The inner parts and fixing parts are made of stainless steel
- ❖ Closure with a earthing device protect it from damage by lightning
- ❖ 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, hand-hole, manhole) and in many applications (tap-off, expressed, branch, and repair)

GJS03 Series Specifications

Model / Series		GJS03
Material		
	- dome and base	PP alloy
	- splice tray	ABS
	- splice protectors	heat-shrinkable tube with metallic strength member
Atmospheric pressure		70 ~ 150kPa
Working temperature		- 40 ~ + 70°C
Axial tension		> 2000N / 1min
Stretching resistance		2500N / 10 cm ² (1min)
Insulation resistance		> 2 x 10 ⁴ MΩ
Voltage strength		15kV / 1min, no arcover or breakdown
Pressure in the water		50m / 72hours
Splice tray with optical taking-in radius		≥ 40mm (ensured low optical loss)
Cable sealing method		Heat-shrinkable seals
Application environment		Aerial, Buried, Pipe-lined

Description

A closure can accommodate up to 6 trays with a capacity of 24 fiber splices each. The splice protectors are placed in the middle of the tray.

The FO closure design allows using loose tube storage baskets behind the splice trays.

Available two spice tray support modules – metallic and plastic.

1 oval and 4 round cable ports

Technical Specification

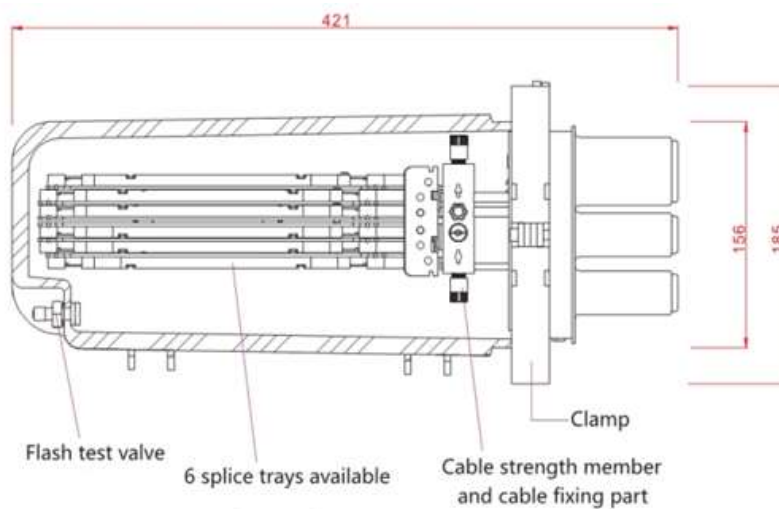
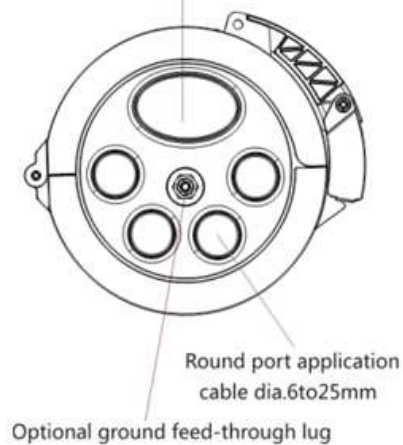
Model	GJS03-A4-S1		
Splice tray type	S1		
Product name	A4-S1-144-M	A4-S1-96-P	A4-S1-48-P-SB
KST product code	7.6222/OSP	7.62261/OSP	7.6242/OSP
Closure capacity	144 fibers	96 fibers	48 fibers
Maximum capacity	144 fibers	96 fibers	96 fibers
Splice tray holder material	metallic	PP alloy	
Storage basket	option*	option	yes
Number of entry ports			
- oval port:	1		
- round port:	4		
Applicable cable diameter, mm			
- oval port:	10 - 25mm		
- round port:	6 - 25mm		
Number of splice trays	6	4	2
Splice tray capacity	24 single fibers		
Splice protector position	in the middle of the tray		
Number of splice protectors	144	96	48
Splice protector length	45mm		
Dimension	421 x 185mm		

Pictures



Exterior Structure Diagram

Oval Port for 2 cables 10 to 25mm



KST Ltd.