

GJS03 B8 with B2 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 both sides of the tray.

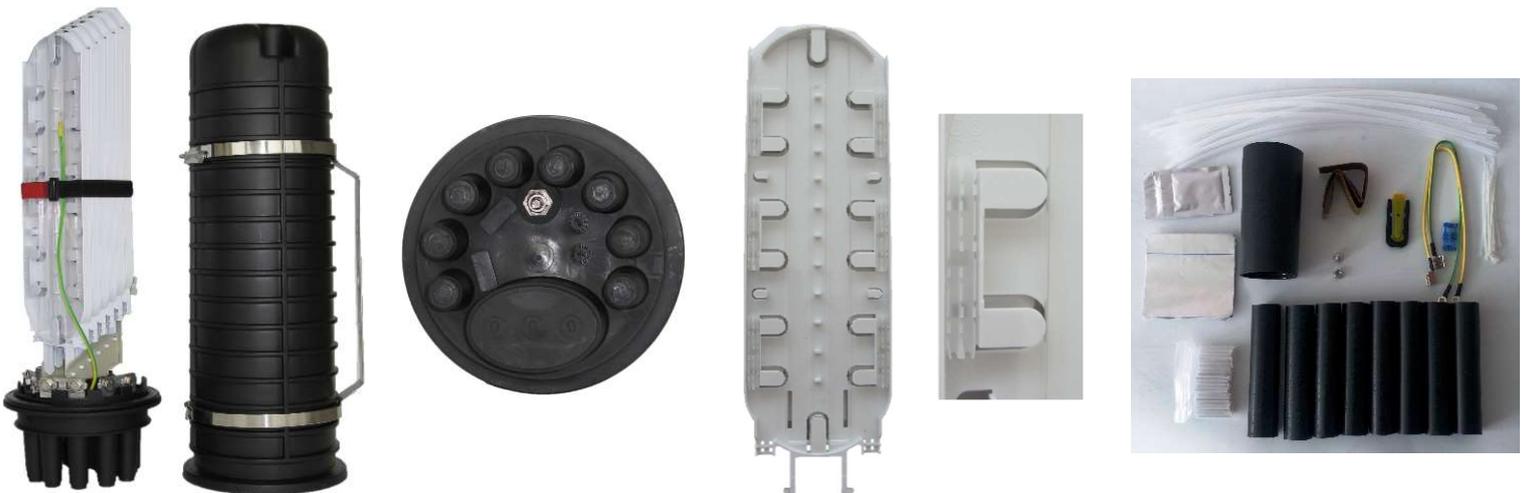
Available two splice tray support modules – metallic and plastic.

1 oval and 8 round cable ports

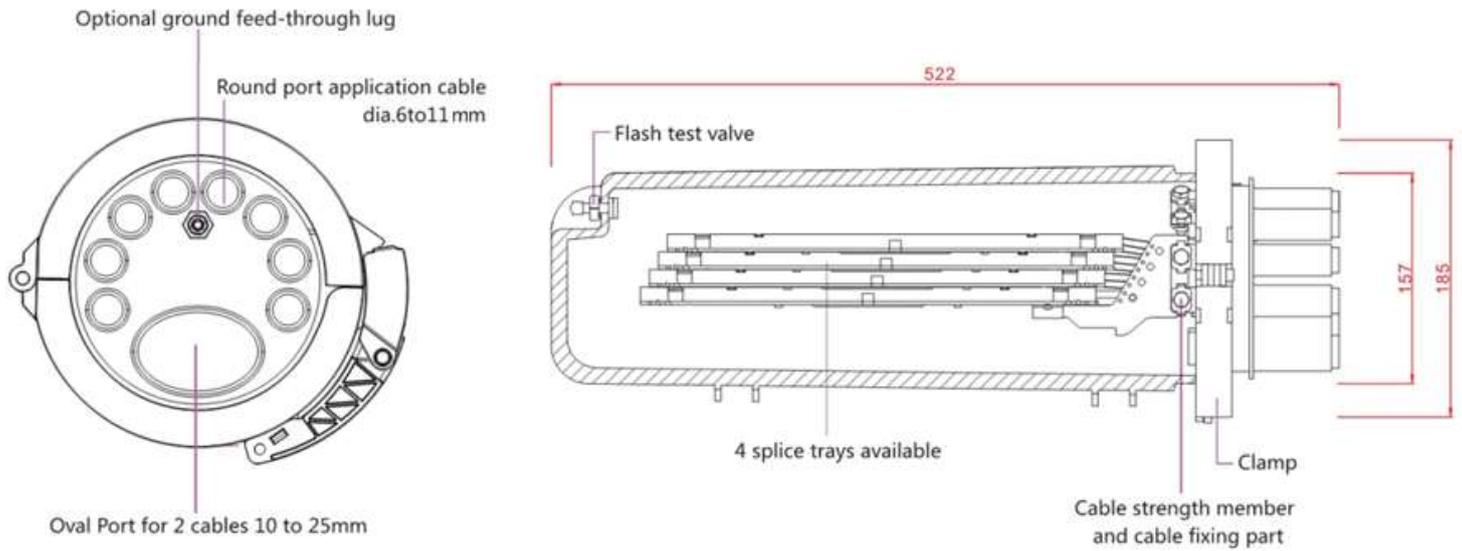
Technical Specification

Model	GJS03-B8-B2	
Splice tray type	B2	
Product name	B8-B2-144-P	B8-B2-144-M
KST product code	7.6247/OSP	7.6240/OSP
Closure capacity	144 fibers	
Maximum capacity	144 fibers	
Splice tray holder material	PP alloy	metallic
Storage basket	no	no
Number of entry ports		
- oval port:	1	
- round port:	8	
Applicable cable diameter, mm		
- oval port:	10 - 25mm	
- round port:	6 - 25mm	
Number of splice trays	6	
Splice tray capacity	24 single fibers	
Splice protector position	on both sides of the tray	
Number of splice protectors	144	
Splice protector length	45mm	
Dimension	522 x 185mm	

Pictures



Exterior Structure Diagram



KST Ltd.