

Optical Fibre Closure (Dome-Type)

This optical cable splice closure is a passive device that guarantees cables' continuity. It consists of a splice closure cap, fixtures, sealing components, and a tray for gathering excess fibre.



Product Structure



GJS-7001



Product Features

- Suits straight-through, branching, and splicing functions of cables.
- Applicable to overhead, pole, and wall-mounted installation in ducts and manholes.
- Built-in stacked and removable splice trays, for easy opening, installation, and maintenance.
- Splice trays can be added or removed as required, suited to ribbon or bundle optical fibre.
- Proper fibre routing; optical fibre or cable bending radius exceeds 30 mm at all points.



Product Parameters

Product Series	GJS series, GPJ09 series, GTJA series
Protection Level	IP68
Operating Temperature	-40°C to +60°C
Storage Temperature	-40°C to +70°C
Atmospheric Pressure	70 kPa to 106 kPa
Leak Tightness at Ambient Temperature	100 kPa internal pressure maintained for 24 h
Temperature Cycle	Appearance and leak tightness maintained after 20 temperature cycles (-40 °C to +65 °C) under 60 kPa ±5 kPa
Pressure Resistance	Able to bear 2,000 N/100 mm pressure
Tensile Strength	Able to bear axial tension ≥ 800 N
Bend Resistance	Able to bear bending force of 150 N for ten ±45 ° bending cycles
Service Life	Over 20 years
Standards Compliance	Compliant with Chinese national standards, including YD/T814.1-2004 and YD/T814.2-2005, and international standards, including ITU L.13-2003 and UL 94



Order Guide

Item	Type	Specifications	Full Capacity		Sealing Method	Cable Ports	Applicable Cable Diameter	Installation Method
		Height × Diameter (mm)	Bundle	Ribbon				
Optical Fibre Closure (Dome-type)	GJS-7001	435 × 190	96	--	Heat-shrink seal	1 straight-through, 3 branches	Branch hole: φ8-16 mm, straight hole: φ8-25 mm	Overhead, wall and pole-mounted
	GJS-2022	598 × 285	960	--	Mechanical seal	1 straight-through, 8 branches	Branch hole: φ8-22 mm, straight hole: φ8-23 mm	
	GPJ09-5601	450 × 230	144	432	Mechanical seal	1 straight-through, 4 branches	Branch hole: φ8-18 mm, straight hole: φ8-18 mm	
	GPJ09-5607	520 × 245	96	--	Mechanical seal	1 straight-through, 4 branches	Branch hole: φ5-17.5 mm, straight hole: φ8-17.5 mm	
	GTJA9001	460 × 230	144	432	Heat-shrink seal	1 straight-through, 4 branches	Branch hole: φ7-22 mm, straight hole: φ7-22 mm	