

GJS-8006 Type Fiber Optical Joint Enclosure Technical Specification

Version: V1.0

Version	Upgrading Reason	Date	Maker	
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1 Description

SINDi's Fiber Optic Joint enclosure GJ8006 type is a dome mechanical sealed Fiber Optic Splice Closure, which is designed to simplify splice management. The high quality enclosure adopts strong engineer plastic (PC) and excellent SS for metal parts. No heat, adhesives, drills or powered equipment for installation or re-entry are required. With high mechanical sealing technology, it is suitable for applications in optical fiber networks such as track (backbone), spur (branch) or distribution points with 6pcs cable lead-in holes. 3 Installation ways for Grounding-mounting, wall-mounting and pole-mounting are available.

2 Applicable Environment

- Work temperature: -40°C ~ +65°C
- Humidity: ≤95% (When +40°C)
- Pressure: 70kPa ~ 106kPa

3 Feature

- enclosure adopts hoop/buckle mechanism which makes dismantling/assembling easy
- Light weight, strong mechanical sealing performance, good anti-corrosion to protect enclosure from extreme cold and hot weather.
- Reliable rubber sealing design between cover and basement, available for repeat use.
- Hot shrinkage sealing design for cable lead-in module.
- Superposition structure for splice tray is flexible in expansion; isolate grounding device is convenient, safe for cable grounding.
- All metal parts use excellent SS to suitable in different environment.

4 Structure & Dimension

Dimension: 455x220mm (HxD)



P 1 GJS8006 Joint Closure



P 2 No.27 Splice Tray



P 3 No.25 Splice Tray

5 Opt-electric Properties

- Operating wavelength: 850nm, 1310nm, 1550nm;
- Insertion Loss: $\leq 0.2\text{dB}$;
- Return Loss: SC/PC $\geq 50\text{dB}$ SC/UPC $\geq 50\text{dB}$ SC/APC $\geq 60\text{dB}$;
- The Voltage resistance between high voltage protection of cabinet and cabinet body $> 3000\text{V(DC)/1min}$, no breakdown and arc.

6 Mechanical Properties

- Mechanical Strength: appearance vertical pressure $> 1000\text{N}$

7 Material

No.	Name	Material	Surface treatment	Environ-mental	Flame-retardant Level	Remark
1	Box body	(PC)	Spraying	Yes	As requirement	
2	Plastic parts in Box	Excellent engineer plastic	/	Yes	As requirement	

8 Package

- Carton Package, applicable to different transporting way
- Storage Temperature: $-30^{\circ}\text{C} \sim +55^{\circ}\text{C}$, Relative Humidity $\leq 90\%$ ($+30^{\circ}\text{C}$);
- Storage Notice: The amount of acidic gases, alkaline gases and other harmful gases in the warehouse shall be appropriate according to the regulations of environmental protection.

9 Order Guide

Appendix: Configuration for Fiber Optical Joint Enclosure GJS-8006

GJS-8006 Enclosure Configuration					
No.	Name	Model	Unit	Qty.	Remark
1	Box body	GJS-8006	set	1	
2	No.27 Splice tray	24-core		6	Optional as requirement
	No.25 Splice tray	12-core	pcs	4	Optional as requirement
3	Accessory for wall-mounting		pcs	1	Choose for wall-mounting
4	pole-mounting		pcs	1	Choose for pole-mounting