GPJ09-8205

Fiber Optical Splice Closure
Technical Specification

1.0 Introduction:

GPJ09-8205is designed to seal without screws. The compact size and flip-over cover bring easy operation as well as complete function.

The splice trays are jointed with a hinge at one side, which makes the operation in each tray easier. It is designed to prevent from operation damage and warrantying a minimum bend radius of 30mm.

The closure is suitable for uncut cable installation with ability to hold 16 soft cables or 16 adapters.

Plug and play function brings fast operation to each subscribers.

2.0 Description:

- Mechanical seal: Excellent sealing performance, reusable. Protection grade is IP 68.
- Installation method: wall-mounted, pipe-lined, pole-mounted
- Feature:
    1. It achieves many national utility model patents.
    2. Box and key design is easy for operation, exquisite in appearance.
    3. One uncut cable port (applicable to cable diameter D10~D17.5mm), 16 small cable ports (applicable to cable diameter which is less than D6mm), 2

branching cable ports (applicable to cable diameter D8~D17.5mm by changing sealing units to achieve.

4. It is 24F/cover tray, the maximum is 96F (4 cover trays), splitters can be installed on the cover tray (one 1:16 splitter or two 1:8 splitters).
5. Include a distribution panel for up to 24 SC/UPC or SC/APC couplers.
6. It is made by modified polymer plastic which provide excellent performance in different using circumstance such as, anti-UV, anti- corrosive, antifreeze, resistant to fungi cording with ISO846.

3.0 Technical Parameter:

Box Material	Modified polymer plastic	Appearance size (mm)	380×245×130
Seal Material	Vulcanized silicone rubber	Weight(kg)	3～3.5
Working Temperature	-40℃～+65℃	Relative Humidity	90% to 30 ℃
Storage Temperature:	-40℃～+65℃	Protection grade	IP 68, IK 06
Standards	ISO9001, ISO14001, CNAS, IAF, UL 94 V0		

4.0 Structure

4.1 Closure and accessories

（**Picture 1**）

4.2 Parts list

4.2.1 Main kits

S/N	Description	Quantity	Note
1	Lid	1	337(L)×242(W)×63(H)mm.
2	Base	1	
3	Sealing ring	1	Box sealing
4	8205 sealing parts	20	Sealing cable ports
5	Splice tray	4	For cable splicing and storage
6	Splice tray cover	1	
7	Splice tray bandage	1	Fixing several splice trays
8	Fastener bolt	2	Fixing lid and cover of closure
9	Buckle	4	Fixing lid and cover of closure
10	Tight nuts	16	Sealing soft cable ports
11	Tight tool	1	Special for tight the nuts
12	Cable fixing panel	1	Fixing un-cut cable and branch cables.
13	Adaptor installation panel	4	An adaptor panel for 6 SC simplex adaptors
14	Splice tray bracket	1	Install 4 splice trays
15	Top cover stopper	1	Limit top cover
16	Plastic nuts	2	Fixing cable

4.2.2 Standard parts

S/N	Description	Quantity	Note
17	Wall mounting kit	1	For wall mounting
18	Expansion anchor bolt	2	Parts of the wall mounting kit
19	Hexagon bolt	2	Parts of the wall mounting kit
20	Nylon tie（3*120mm）	12	Fixing cable
21	Fusion sleeve (Φ1.0*60mm)	According to the fiber cores.	Cable splicing
22	0.2m coil tube	1	Protect the fiber
23	Insulation tape	1	Accessorial fixation
24	0.5m EVAtube	1	Protect fiber
25	Drier	1	
26	M6 internal hexagonal wrench	2	Tool to open the box
27	Plastic key	1	Tool to adjust soft cable ports.
28	Plastic key	1	Tool to adjust the round cables ports
29	Grommet for oval port	2	One for cable dia. From 10-12mm and one for cable dia. From 12-14mm
30	Grommet for roud port	2	For cable dia. From 10-12mm
31	Plastic plug	4	Seal the cable port.

4.2.3 Optional parts

S/N	Description	Quantity	Note
32	Pole mounting kit	1	For pole mounting
33	Valve	1	Testing sealing performance
34	Grommet	1 or more	According client requirement (D8~D17.5mm)
35	SC adaptters	1～24	UPC or APC
36	SC pigtails	1～24	UPC or APC; G652D or G657A1/A2

PURCHASE TIP

Type	Code	Name	Packaging size	Remark
GPJO9-8205		24F fiber splice closure	540×410×375 (4 pcs)	
		48F fiber splice closure		
		72F fiber splice closure		
		96F fiber splice closure		