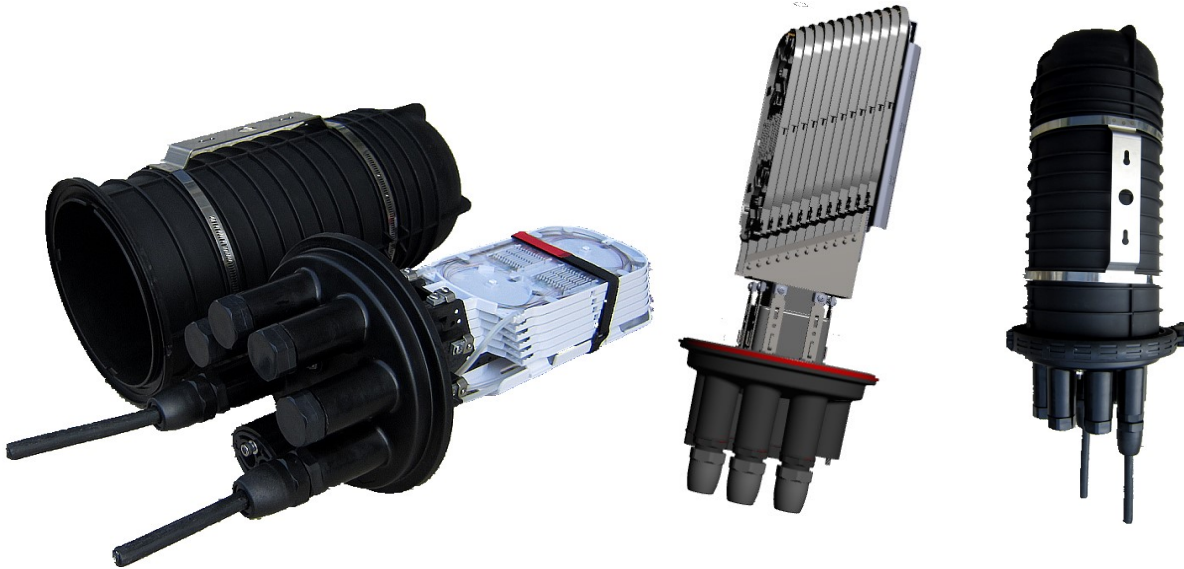


# MECHANICAL ENCLOSURE GJS03-M9AX-JX



## 1.1 Introduction:

This product is used to connect the distribution cable and the incoming cable, is widely applied in communication, network systems, CATV cable TV and so on. It adopts scientifically formulated engineering plastic and be shaped by injection molding, with anti-aging, anti-corrosion, flame retardant, waterproof, anti-vibration and anti-shock effects. Can effectively prevent the optic fibers from the influence of outdoor environment.

Dome-to-base design; the splice trays, hinge for access of any splice without disturbing others trays; Fast and reliable sealing performance, easy to package multiple times. With lightning protection grounding device, it can be applied in overhead, wall mounting or direct burial.

## 1.2 Specification:

Model:		GJS03-M9AX-JX-288	
Size: With clamp's biggest outer dia.	593*271 mm	Raw material	Dome, clamp, base: modified PP +GF Tray: ABS Metal parts: Stainless steel
Entry ports number:	1 oval port, 6 round ports	Available cable dia.	Oval port: available for 2 pcs, with optional rubber for different cable dia. Round ports: with optional seal rubber for different cable dia.
Max. tray number	12 trays	Base sealing method	Mechanical
Tray capacity:	24F	Applications:	Aerial, directly buried, Wall/ pole mounting
Max. closure splice capacity	288 F	IP grade	68

### 1.3 Ordering guide:

# GJS03-M9AX-JX -288

AX: splice in the tray middle

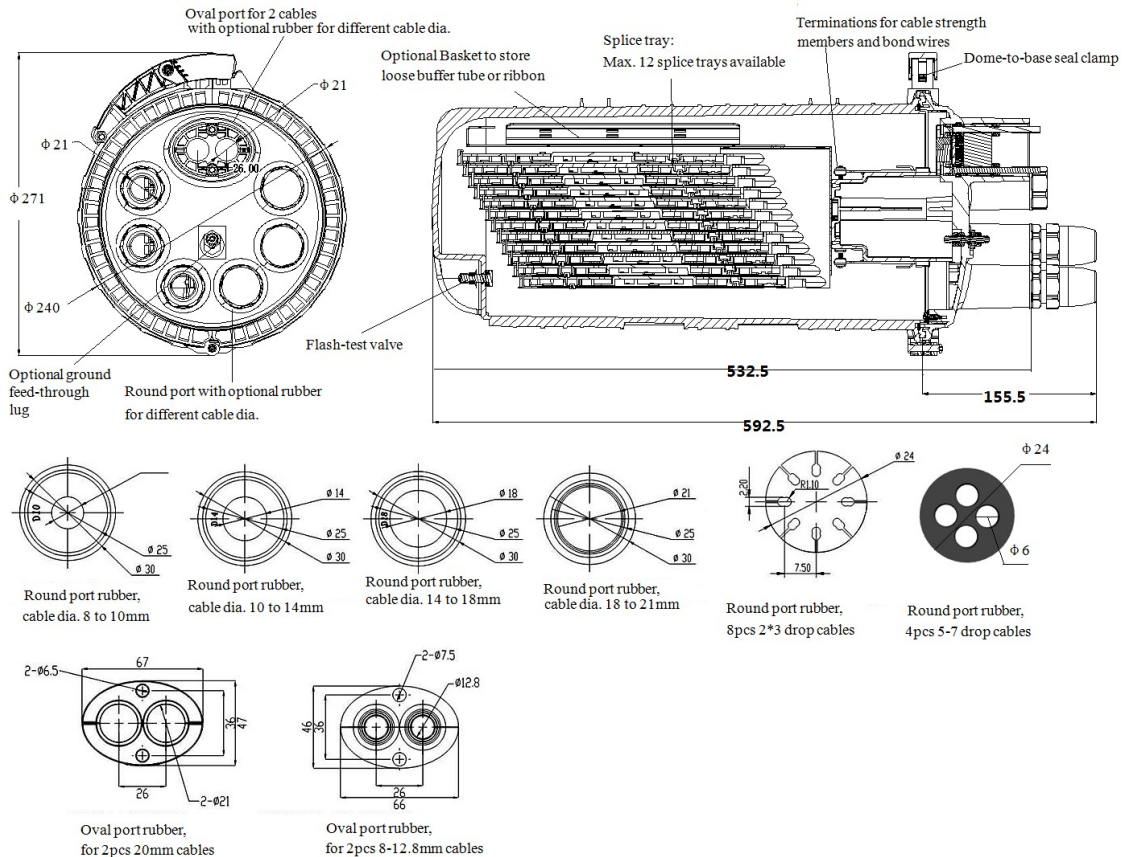
splice capacity:  
each tray to splice  
24F , max. 12 trays

Mechanical seal base, with optional seal kits for round ports:

- D10 rubber for 8~10 mm cable.
- D14 rubber for 10~14mm cable.
- D18 rubber for 14~18mm cable
- D21 rubber for 18~21 mm cable.
- 8 holes rubber for 8pcs 2\*3mm drop cables
- 4 holes rubber for 4pcs 5~7mm cables.



### 1.4 Exterior Structure Diagram.



### 1.5 Technical Parameter:

1. Working Temperature: -40 degrees centigrade~+65 degrees centigrade
2. Atmospheric Pressure: 62~106Kpa
3. Axial Tension: >1000N/1min
4. Flatten Resistance: 2000N/100 mm (1min)
5. Insulation resistance: >2\*10<sup>4</sup>MΩ
6. Voltage Strength: 15KV(DC)/1min, no arc over or breakdown
7. Temperature recycle: under -40°C~+65°C, with 60(+5) Kpa inner pressure, in 10cycles; Inner pressure shall decrease less than 5 Kpa when closure turn to normal temperature.
8. Durability: 25 years

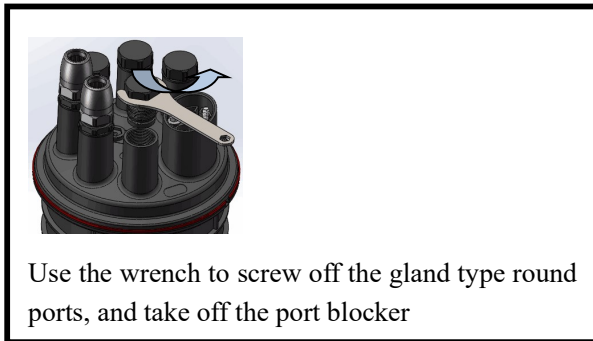
### 1.6 Main components:

Name	Qty	Picture	Name	Qty	Picture
Dome	1pc		Tray	Max. 12 pcs	 RQP-32-24c
Clamp	1pc		Valve	1	
Base	1pc		Modified O-ring	1	
Cable Strengthen member attach plate	1set		Velcro strip with one X flake	1	
optic joints protection tube	Max. 288		Ground feed-through lug	1	
Storage basket	1	 or 	Round port blocker	6	
Round Port accessories bag	6 pcs		Oval port accessories bag	1 kit	
Cleaning tissue	1		Desiccant	1	
Nylon tie	12pcs/bag	 Max. 3bags.	Transparent PE tube	8pcs/bag	 Max. 3bags.

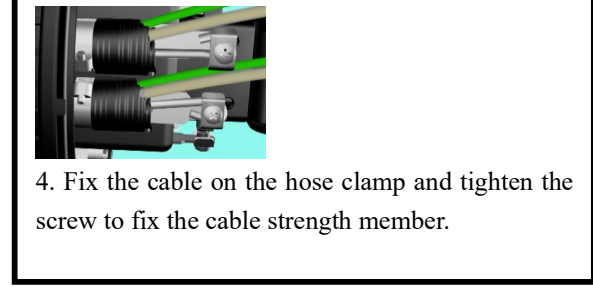
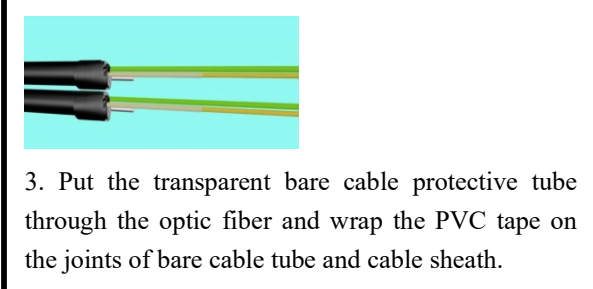
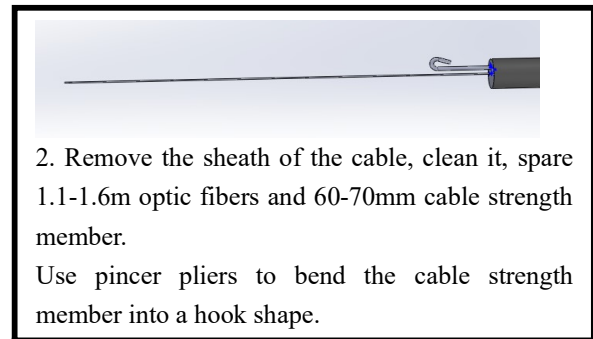
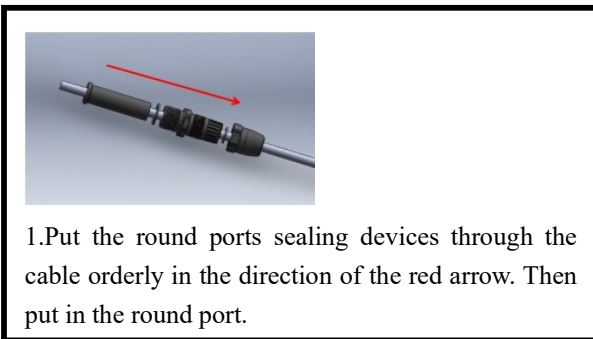
Wall mounting kits	1 Standard offered with		
Aerial mounting kits	Order as optional		
Pole mounting kits	Order as optional		

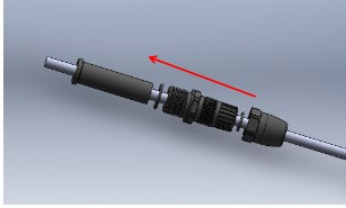
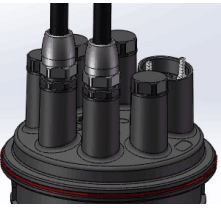
## 1.7 Installation Guidance

### 1.7.1 To open the round and oval port



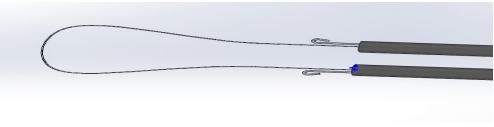
### 1.7.2 Inlet cable from round port



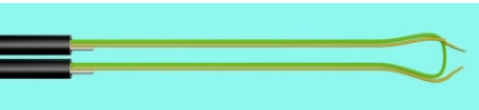



5. Put the round ports sealing devices into the round port and screw up the round port.

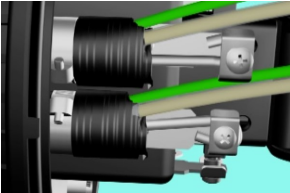
### 1.7.3 Inlet cable from oval port



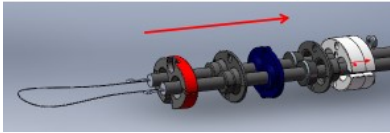
1. Remove the sheath of the cable, clean it, spare 2.5-2.8 m optic fibers and 60-70mm cable strength member. Use pincer pliers to bend the cable strength member into a hook shape.



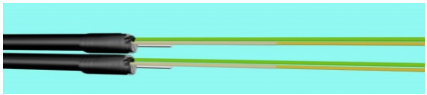
3. Cut in the middle of the splice and fusion optic fibers




5. Fix the cable on the hose clamp and tighten the screw to fix the cable strength member.



2. Put the oval ports sealing devices through the uncut cable orderly in the direction of the red arrow. The silicon rubber and gel rubber shall cut on sides with the art knife to put on the uncut cable. Then put in the oval port.



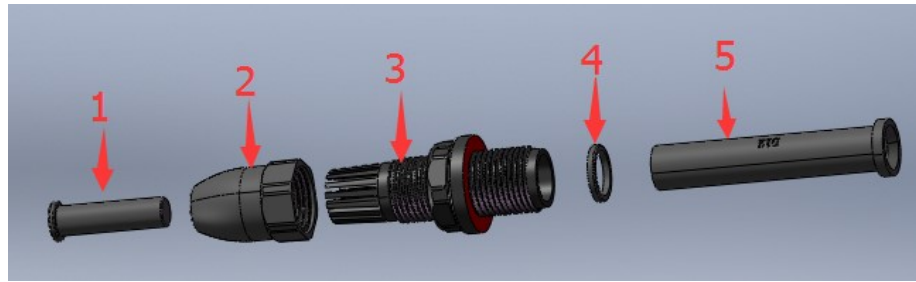
4. Put the bare cable protective tube through the optic fiber and wrap the PVC tape on the joints of bare cable tube and cable sheath.



6. Put the oval ports sealing devices into the oval port



### 1.7.4 Round Ports Components & Installation Diagram

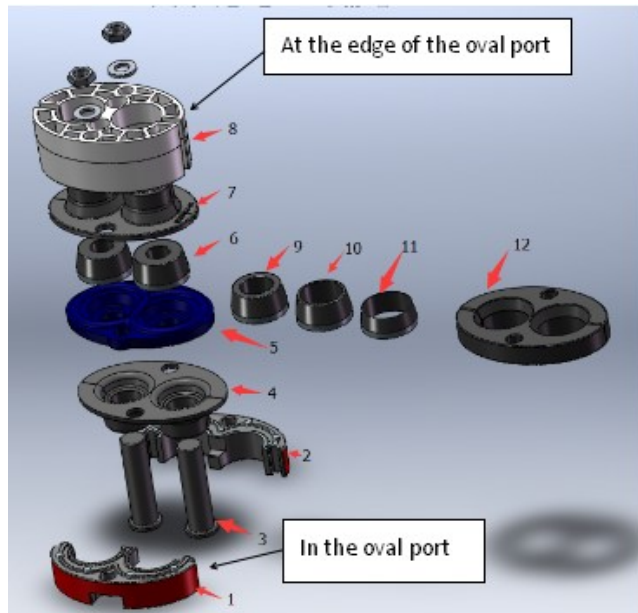


1. Entry port blocker
2. Cable press cap
3. Cable dia. adjust part
4. Gasket
5. T shape silicon sealing rubber

Notes:

1. Attention to the T shape rubber when installation, If displaced, deformed or twist, shall re-install the rubber.
2. Choose the T shape rubber according to cable dia.

### 1.7.5 Oval port accessories & Installation Diagram.



1. Left crescent plastic washer
2. Right crescent plastic washer
3. Entry port blocker
4. Conical double-hole variable diameter rubber plugs
5. Conical double gel plugs
6. Conical single-hole variable diameter rubber plug (optional size: 9, 10, and 11)
7. Conical double-hole variable diameter rubber plug (same accessories as item 4)
8. Oval port washer
9. Z-14 conical variable diameter plug
10. Z-18 conical variable diameter plug
11. Z-21 conical variable diameter plug
12. Closure conical double-hole rubber plug

#### Cable Dia. 18~10 mm installation process:

Accessories install order:

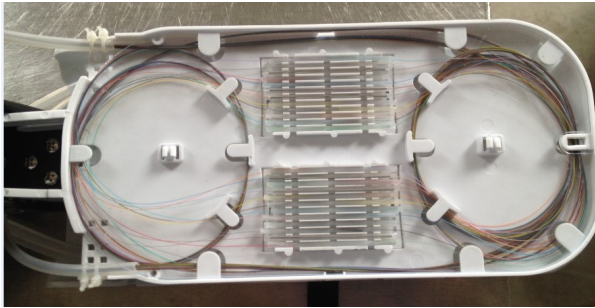
- 1) Use accessories 1 & 2 to clock the cable, and put it in the oval port
- 2) put the cable in the slots of accessory 3) Repeat step two to install the accessory
- 4) Choose the proper conical variable diameter plug from accessories 6, 9, 10 according to cable dia. And put the cable in the plug slots
- 5) Repeat step two to install the accessory but note install on an opposite direction (item 7 is item 4 in opposite direction)
- 6) Put the cable through accessory 8 and tighten the screws.

#### Cable Dia. 21 mm installation process:

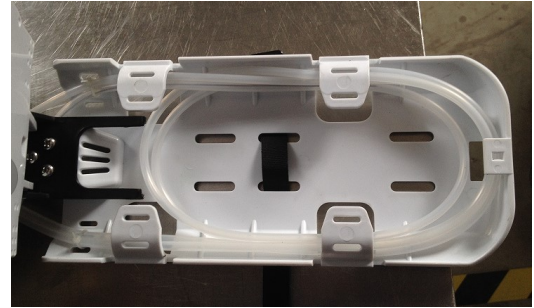
Accessories install order: same as above cable dia. 18~10mm install way, just change the accessories for D-21mm

### 1.7.6 Fiber tray & Storage tray installs way

Tray RQP-32-24C splicing



Storage bracket for  $\leq 144F$  closure



Storage bracket for  $>144F$  closure



Several installation conditions as bellow,

**Pole mounting**



**Aerial**



**Wall mounting**

