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; up to 6 pieces 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 directly buried.

1.2 Specification:

Model:		**CNFOSC-999248-A8-0x-24C**	
Size (with clamp's biggest outer diam.):	412.8*219.2 mm	Raw material:	Dome, Base: modified PP; clamp: nylon + GF; Tray: ABS; Metal parts: stainless steel
Entry ports number:	1 oval port, 8 round ports	Available cable diam.:	Oval port: available for 2 pcs, 10 ~ 29 mm cables; Round ports: each available for 1pc 6-11 mm cable
Max. tray number:	6 trays	Base sealing method:	Heat-shrink
Tray capacity:	24F	Applications:	Aerial, directly buried, wall/pole mounting
Max. closure splice capacity:	144F	IP grade:	68

1.3 Order Guidance:

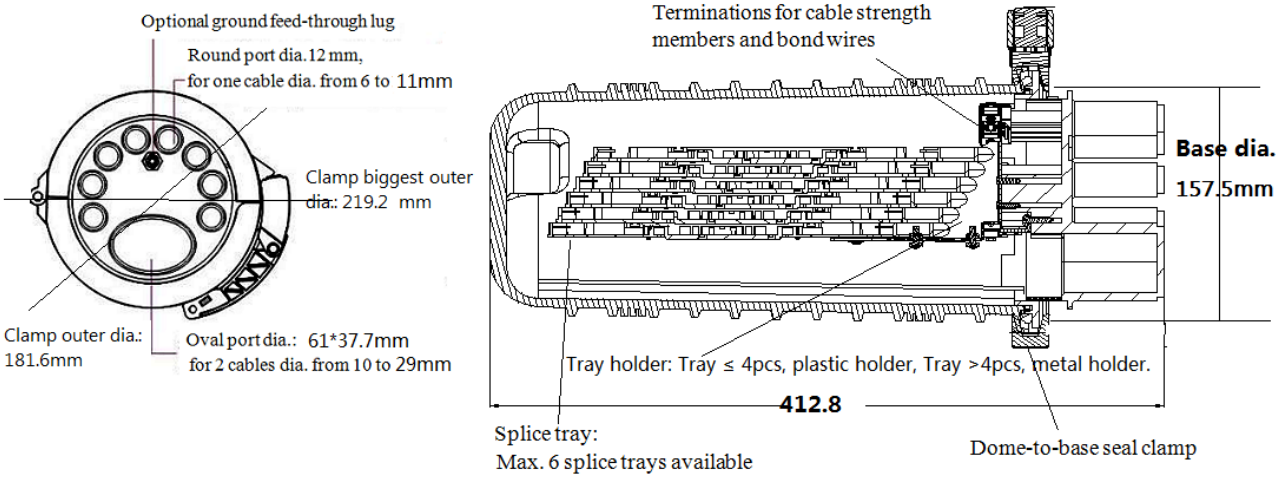
CNFOSC-999248-A8-0x-24C

0x: Splice capacity (each tray to splice 24F, max. 6 trays)

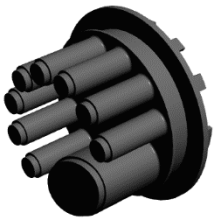
Tray no. ≤ 4 pcs, plastic tray holder

Tray no. > 4 pcs, metal tray holder

1.4 Exterior Structure Diagram

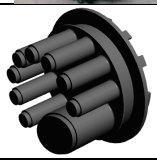


1.5 Technical Parameters:



1. Working Temperature: -40 ℃ ~ +65 ℃
2. Atmospheric Pressure: 62 ~ 106 Kpa
3. Axial Tension: > 1000 N/1min
4. Flatten Resistance: 2000 N/100 mm (1min.)
5. Insulation resistance: > 2*104 MΩ
6. Voltage Strength: 15KV (DC)/1 min., no arc over or breakdown
7. Temperature recycle: under -40 ℃ ~ +65 ℃, with 60 (+5) Kpa inner pressure, in 10 cycles; 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	1 pc		Tray	Max. 6 pcs (optional)	 SPLICE-06-24C middle splice  SPLICE-08-24C side splice
Clamp	1 pc		Valve	1	 (optional)
Base	1 pc		Modified O-ring	1	
Cable Strengthen member attach plate	1 set		Velcro strip with one X flake	1	
Optic joints protection tube	Max. 144	 (optional)	Ground feed-through lug	1	 (optional)
Nylon tie & Transparent PE tube	8 pcs/bag	  Each two trays with 1 bag			
Wall mounting kits	1 Standard offered with	 			
Aerial mounting kits	Order as optional	  + 			
Pole mounting kits	Order as optional	  2pc +  4pcs			

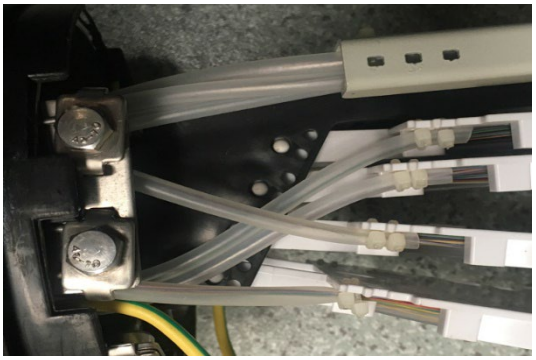
Round port accessories bag	1 bag		Items	Heat-shrink tube	8	
				Abrasive tape	1	
				Aluminium foil	8	
Oval port accessories bag	1 bag		Items	Heat-shrink tube	1	
				Abrasive tape	1	
				Aluminium foil	2	
				Cleaning tissue	1	 (optional)
				Desiccant	1	 (optional)
				Shield continuity wire	1	 total two pcs in accessories bag (optional)
				AMP clamp	1	 (optional)
				Branch off clip	1	

1.7 Installation Guidance

1. Cut the ports need to guide-in cable.

2. Put the cable through the heat-shrink tube.

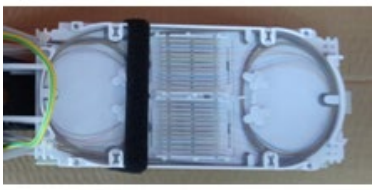
3. Remove the sheath of the cable and clean it. Cut the strengthen member to 5 cm length. Put it through the attach screws and bend it to fix on the screw. Then tighten the screw.



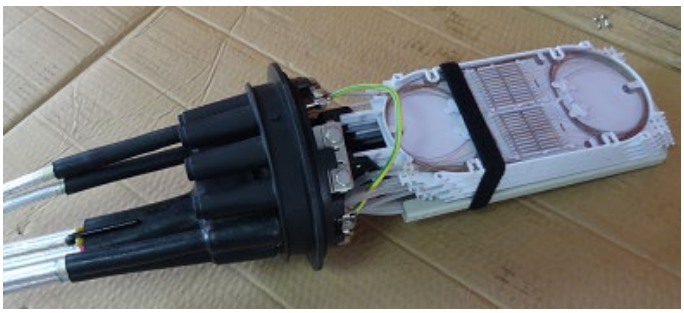
4. Remove the loose tube of the cable and clean the bare fibers. Put them through the transparent PE tube, using PVC tape to wrap the end of the PE tube and cable.

BX: Sides splice tray

Spec.: RQP-08-24c



AX: middle splice tray
Spec.: RQP-06-24c

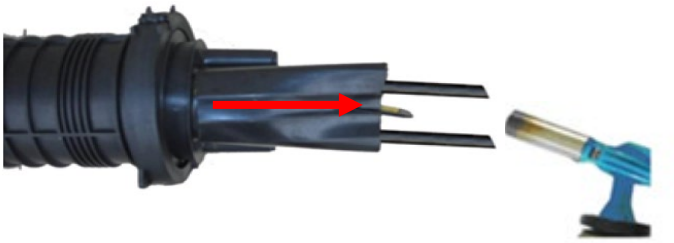


5. Coiling the optic fibers in the splice trays as above picture from the bottom tray to the top one. Fusion the joints and shrink the protective tubes and fix them in the tray. And put on the tray lid.

6. Use the Velcro strip to bind the trays.

7. Using abrasive strip to rough the surface of the cable sheath and ports slightly.

8. Clean the cable surface and ports.



9. Move the heat-shrink tube to cover the base port and the cable. Mark the tube end on the cable and stick the aluminum film on it. The blue line of the film shall at the same position of the marked place (edge which close to the blue line shall be in the tube; other side out of the tube.) Using blunt tool to even the film tightly stick to the cable. Heat the tube to shrink to seal from the direction of the red arrow slowly (If to guide 2 cables in the oval port, use branch off clips to separate the cables, heat the branch off clip at meantime to seal the space).

10. Heat the round ports follow the same step as the oval port.

11. Close the closure with the clamp.

12. Choose the suitable mounting kits for different installation environment.