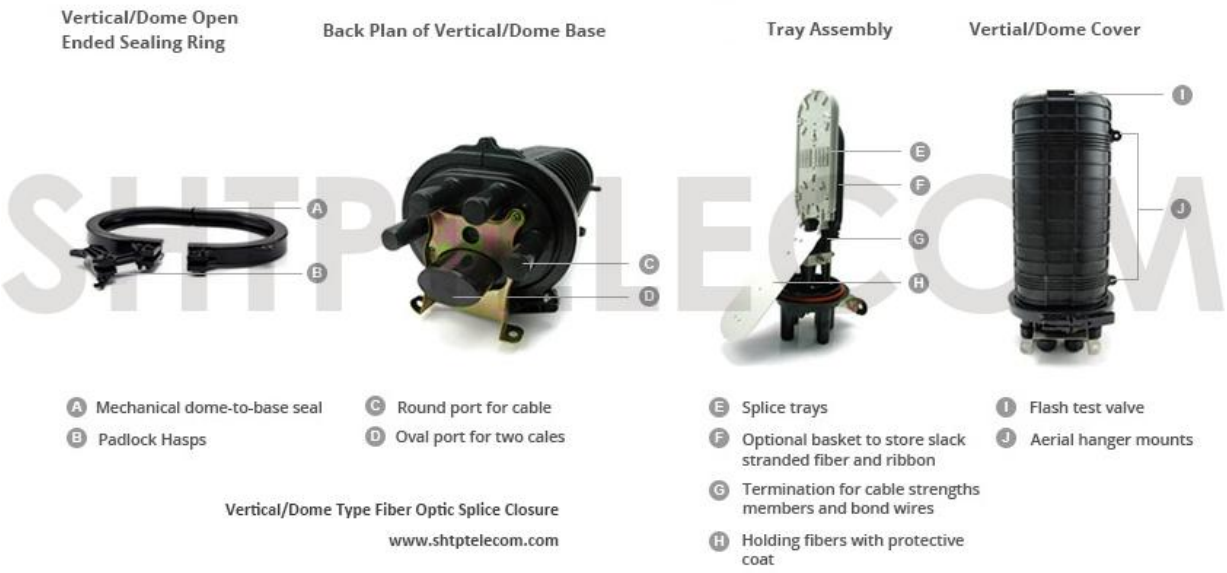
Dome Fiber Optic Splice Closure

Vertical type of fiber optic splice closures looks like a dome, thus they are also called dome fiber optic splice closure. They meet the same specification as the horizontal types, can be used for aerial, underground, man-hole, duct and pole mounting. As for dome type, according to the sealing ways, including shrinkable dome closure and mechanical dome closure. They provide a versatile solution for splicing and protecting outdoor fiber connections in a familiar dome form factor. The vertical fiber optic splice closure is used in CATV, telecommunications and fiber optic networks.

Picture



Structure



Features:

- Base and dome sealed with clamp and O-ring system, which makes it easy for fiber management
- Base-to-dome seals on closure are mechanical and heat-shrinkable for ease of installation and reentry. No other sealing adhesive tape is needed
- Durable, water-proof, UV-resistant compact design
- Compatible with most cable types(single fiber or ribbon), and cable constructions(loose tube, central core, slotted core, modular)
- Can be deployed in any environment (aerial, buried, hand hole, manhole)and in many applications(tap-off, expressed, branch, and repair)
- No special tools are needed to open the closure, and it can be opened and used repeatedly.
- All the metallic parts of the closures resist corrosion and are made of non-corrosive steel.
- Includes accessory kit subjection to air, pole and wall.



Technical Parameters

- Working Temperature: -40 degrees centigrade~+70 degrees centigrade
- Atmospheric Pressure: 70~150Kpa
- Axial Tension: >2000N/1min
- Stretching Resistance: 2500N/10 square centimetre(1min)
- Insulation resistance: >2*104MΩ
- Voltage Strength: 15KV/1min
- Pressure in the water: 50m/72hours
- Splice tray with optical taking-in radius≥ 40mm. Low optical loss.

Applications:

- Branching and straight through joints
- Wall, pole or standing mount
- Suitable for all high speed fiber optic networks
- Multi-channel CWDM and DWDM (coarse and dense wavelength division multiplexed) networks
- Suitable for aerial, manhole, underground duct and direct burial applications , small volume but large capacity





Wall-mounted



Aerial/Overhead



Pole-mounted



Underground (Vault)



Direct-Buried



Manhole/Handhole

Ordering information

Sealing type: mechanical sealing or hot-shrinkable sealing
Ports: 5/6/7/8/9
Cable diameter: how many mm (depends on application)
Capacity: 12F/24F/36F/72F/96F/144F/288F/576F

Hot-shrinkable Sealing DR02A series

DR02A5- 5 entrances
DR02A6- 6 entrances
Capacity: 4 splice trays, Max 96F
Small entrances: φ4-20mm cables; Oval entrances: φ34x60mm cables
Sealing: hot-shrinkable sealing
Dimension(MM): 440H x 130(Φ)
Materials: High strength PP,ABS
IP68
Installation: direct burial, aerial, duct mounting









Hot-shrinkable Sealing DR01A Series

				
DR01A5	DR01A6	DR01A7		DR01A9
				
Capacity: 12F/48F/96F/144F/288F				
Sealing: hot-shrinkable sealing				
Materials: High strength PP,ABS				
IP68				
Installation: direct burial, aerial, duct mounting				

Hot-shrinkable Sealing DR05A Series

DR05A7			**DR05A29**		
					

 	 
Capacity: Maxi (576F, ribbon fiber)	Capacity: Maxi (288F,bundle)
6 small entrances: φ10-26mm cables; 1 big Oval entrance: φ60x80m	24 small entrances: φ7mm; 4 bigger entrances: φ16mm, 1 Oval entrance: φ60x80m
Sealing: hot-shrinkable sealing	Sealing: hot-shrinkable sealing
Dimension(MM): 505H x 200(Φ)	Dimension(MM): 505H x 180(Φ)
Materials: High strength PP,ABS	Materials: High strength PP,ABS
IP68	IP68
Direct burial, aerial, duct mounting	Direct burial, aerial, duct mounting

Hot-shrinkable Sealing DR06A Series

DR06A3	**DR06A6**
  	  
Capacity: 12F/24F	Capacity: 12F/24F
Sealing: hot-shrinkable sealing	Sealing: hot-shrinkable sealing
Dimension(MM): 320H x100(Φ)	Dimension(MM): 320H x 100(Φ)
Materials: High strength PP,ABS	Materials: High strength PP,ABS
IP68	IP68
Direct burial, aerial, duct mounting	Direct burial, aerial, duct mounting

Mechancial sealing DM06A







Capacity: Maxi (24F, bundle)
4 entrances for φ9-14mm cable
Sealing: mechanical sealing
Dimension(MM): 320H x100(Φ)
Materials: High strength PP,ABS
IP68
Direct burial, aerial, duct mounting

Mechancial sealing DM02A5









Capacity: Bundle Max: 48F; Ribbon Max: 96F
applicable for φ4x12mm cable, φ2x18mm cable
Sealing: mechanical sealing
Dimension(MM): 440H x130(Φ)
Materials: High strength PP,ABS
IP68
Direct burial, aerial, duct mounting

Mechancial sealing DM05A7

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<tr><td colspan="4">Capacity: Bundle Max: 288F</td></tr>
<tr><td colspan="4">applicable for φ8x12mm cable, φ2x18mm cable</td></tr>
<tr><td colspan="4">Sealing: mechanical sealing</td></tr>
<tr><td colspan="4">Dimension(MM): 505H x200(Φ)</td></tr>
<tr><td colspan="4">Materials: High strength PP,ABS</td></tr>
<tr><td colspan="4">IP68</td></tr>
<tr><td colspan="4">Direct burial, aerial, duct mounting</td></tr>
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Fiber Optic Dome Closure Accessories

