

FOC-VS07

Fiber Optic Closure

Outdoor vertical dome closure, Heat shrink, 4 in 4 out



Overview

The Heat Shrink Fiber Dome Closure is designed for aerial, buried/underground above-grade, and below-grade applications; it meets the needs of anyone deploying fiber optic networks: Long haul, metro, local access, and FTTx networks. It has heat shrinkable sealing structure with 7 entrance ports on the end (6 round ports and 1 oval port).

The Dome Closure features an o-ring sealing system along with an innovative latching/locking mechanism. This combination is designed to allow simple, watertight closure sealing and re-entry. The dome closure utilizes heat shrink technology for cable sealing which helps to provide a watertight seal.

The Dome Closure is equipped with a built-in fiber management system that provides a separate area for storing, routing, protecting, and expressing buffer tubes, single and ribbon fibers. The hinged splice trays include a modular splice holder design which allows them to accept single fusion, single mechanical, and various mass fusion splices (4/6/8/12 fiber ribbon) by simply replacing the splice holder or protection event mini splitter inside.

Features

- The body adopts modified plastic MPP, which is high strength and corrosion resistant, has a longer lifetime, and has excellent sealing performance.
- It has 7 cable ports in total, 6 $\Phi 20\text{mm}$ round cable ports, and 1 oval port, which can let in and out 1pc $\Phi 42\text{mm}$ cable or 2pcs $\Phi 20\text{mm}$ cables, as for a few small size cables at the same time.
- The closure can be reopened, which is maintenance friendly. It can work well in the outdoor environment and guarantee good sealing performance.
- Assembled with valve core and grounding device.

Technical Specifications

Parameter	Specifications
Size (D×H) mm	Φ 230×550
Weight	2.7kg
Oval port diameter	44x65mm
Round port diameter	Φ 20mm
Max capacity	144cores,6pcs 24c splice tray.
Splitting	1x16/1x32 mini PLC splitters and 18pcs/36pcsSC adaptors
Voltage Strength	under 15KV direct current,without breakdown or flashover phenomenon
Insulation Resistance	$\geq 2 \times 10^4 M \Omega$
Tensile Force	$\geq 800N$
Leakproofness	inflate the closure,making internal pressure to 100Kpa, then put the closure into the water over 15min, without any bubbles or pressure drop happened
Impact Strength	can bear 16N.m.after 3 impact times, there is no crack on the body
Lateral pressure-resistance	$\geq 2000N / 10cm$
Shock-resistance	$\geq 20N.m$
Working Temp.	-25° C~+60° C
Storage Temp.	-40° C~+70° C
Humidity	93%(+30° C)



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