

OPTICAL SYSTEMS

Fiber Optic Dome type Splice Enclosure - Outdoor



Product Overview

Alston Systems, Outdoor Dome type splice enclosure 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. It can effectively prevent the optic fibers from the influence of outdoor environment.

Features

- Dome-to-base design
- Fast and reliable sealing performance
- Up to 4 pieces splice trays, hinge for access of any splice without disturbing others trays
- With lightning protection grounding device, it can be applied in overhead, wall mounting or directly buried

Technical Parameters

- Working Temperature: -40°C ~+65°C
- Atmospheric Pressure: 62~106Kpa
- Axial Tension: >1000N/1min
- Flatten Resistance: 2000N/100 mm (1min)
- Insulation resistance: >2*104MΩ
- Voltage Strength: 15KV (DC)/1min, no arc over or breakdown
- 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 turns to normal temperature.

Fiber Specifications

Item	Parameters
Size	522*185mm
Materials	Dome, clamp, base: Modified PP +GF Tray: ABS Metal parts: Stainless steel
Entry ports	1 oval port, 8 round ports
Available Cable Diameter	Oval port: available for 2 pcs, 10~25mm cables Round ports: Each available for 1pc 6-12mm cable
Maximum number of trays	12
Tray Capacity	24
Maximum closure splice capacity	288F
Base sealing method	Heat-shrink

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Applications	Aerial, directly buried, Wall / pole mounting
IP Grade	IP68

Few Main Components



Dome



Base

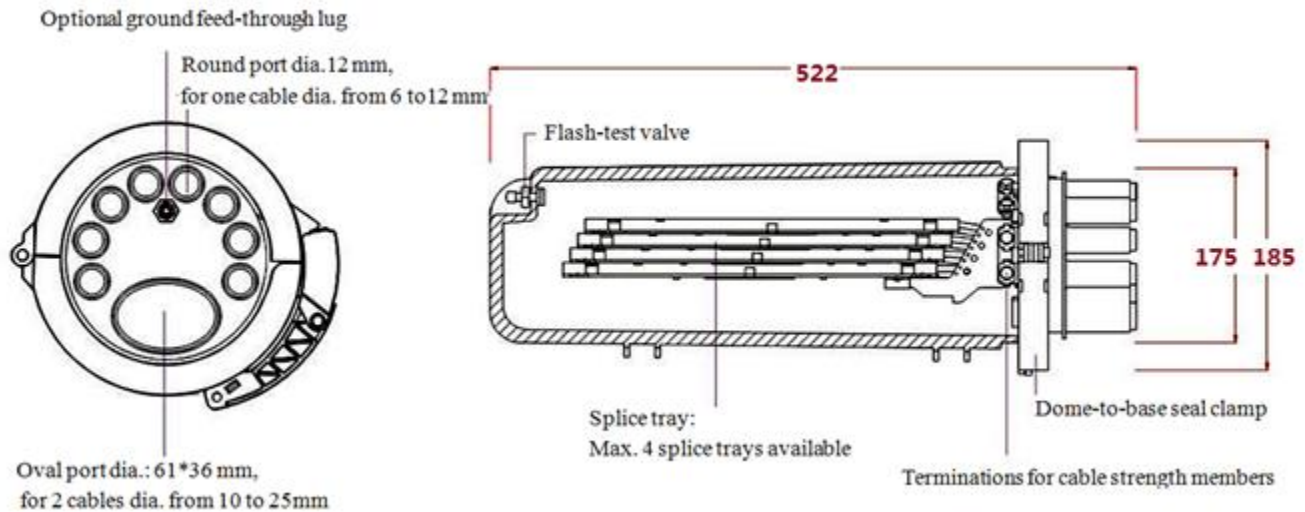


Clamp



Valve

Structure Diagram – Exterior



Ordering Information

Part Number	Description
560000243	Alston Systems, Fiber Optic Outdoor Dome type splice enclosure, 24F, Black
560000483	Alston Systems, Fiber Optic Outdoor Dome type splice enclosure, 48F, Black
560000723	Alston Systems, Fiber Optic Outdoor Dome type splice enclosure, 72F, Black
560000963	Alston Systems, Fiber Optic Outdoor Dome type splice enclosure, 96F, Black
560001443	Alston Systems, Fiber Optic Outdoor Dome type splice enclosure, 144F, Black
560002883	Alston Systems, Fiber Optic Outdoor Dome type splice enclosure, 288F, Black

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