DEM2 Dome Splice Enclosure

Fibre optic dome splice enclosure DEM2 protects fibre optic splice while providing fast and easy no-cost, re-entry. It can be installed on aerial, in manholes, ducts and mounted on pole. The Enclosure provides reliable sealing performance, and fibre splicing point protected in a ribbed polypropylene dome that has high mechanical and environmental features. With its seven entry ports, the enclosure is applicable to in-line or mid-span branching method. In addition, a great quantity of fibre optic cable can make an excellent environment performance. With DEM2 Dome Spice Enclosure, you can improve your network system to the higher level.

Applications

- Outdoor applications
- Telecommunication networks
- CATV
- Data transmission
- Industry control
- Aerial, buried or pipe-lined environment

Features

- Reliable moisture-tight housing with hot-melt type sealing
- Ribbed body structure protects against impact and compression
- Efficient fibre management by splice tray holding structure
- Ease of use for closure assembly
- Easy clamping of tension member and grounding
- Great quantity of fibre optic cable can make an excellent environment performance

Specifications

ELEMENT	VALUE
Size	240 x 530 mm
Weight	5.5kg approx.
Raw material	Dome, clamp, base: Modified PP + GF Tray: ABS Metal parts: Stainless steel
Intel port	7 (1 Oval, 6 Round)
Cable Diameter	Oval port: Ø10 ~ Ø25 mm; Round ports: Ø6 ~ Ø25 mm
No. of Splice Tray	12
Max. Capacity of Splice Tray	24F
Splicing Capacity	288F
Base sealing method	Heat-shrink
IP Grade	IP 68

Technical Specifications

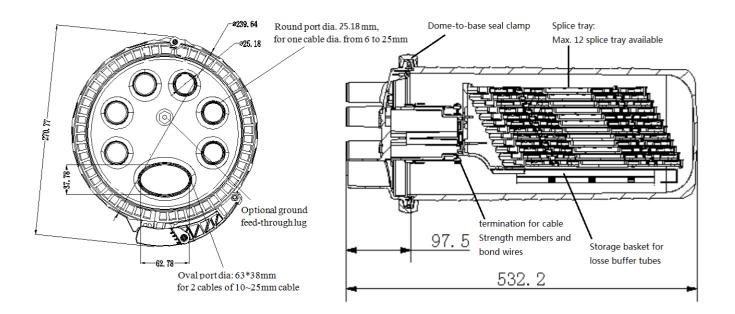| ELEMENT	VALUE
Working Temperature	-40℃ ~ +65℃
Atmospheric Pressure	62~106Kpa
Axial Tension	>1000N/1min
Flatten Resistance	2000N/100 mm (1min)
Insulation resistance	$2*104M\Omega$
Voltage Strength	15KV(DC)/1min, no arc over or breakdown
Temperature recycle	under -40℃~+65℃, with 60(+5) Kpa inner pressure, in 10cycles; Inner pressure shall decrease less than 5 Kpa when closure turn to normal temperature.
Durability	25 years

Ordering Information

DESCRIPTION	PART NUMBER
Datatronix DEM2 Fibre Optic Dome Enclosure 144 splice	DEM2-144
Datatronix DEM2 Fibre Optic Dome Enclosure 288 splice	DEM2-288

Technical Drawing

⌀239.64
⌀25.18
270.77
37.78
62.78

Round port dia. 25.18 mm, for one cable dia. from 6 to 25mm

Optional ground feed-through lug

Oval port dia: 63*38mm for 2 cables of 10~25mm cable

Dome-to-base seal clamp

Splice tray: Max. 12 splice tray available

termination for cable Strength members and bond wires

Storage basket for losse buffer tubes

97.5

532.2

Additional Images