



DEM1 Dome Splice Enclosure

The DEM1 protects fibre optic splices while providing fast and easy no-cost, re-entry. It can be installed on aerial cables, in manholes, ducts and be mounted on poles. The enclosure provides fast and reliable sealing performance and is used to connect the distribution cable and the incoming cable. 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. This enclosure effectively prevents the optical fibres from the influence of outdoor environment. Having a dome-to-base design, with up to 4 pieces splice trays, hinge for access of any splice without disturbing other trays. With lightning protection grounding device, it can be applied in overhead, wall mounting or directly buried. With Datatronix DEM1 Dome Splice 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 heat shrink 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: With clamp's biggest outer dia.	315*189mm
Raw material	Dome, clamp, base: Modified PP +GF Tray: ABS Metal parts: Stainless steel
Entry ports number:	1 oval port, 4 round ports
Cable Diameter	Oval port: Available for 2 pcs, 6~22mm cables Round ports: Each available for 1pc 6-16mm cable
No. of Splice Tray	4
Max. Capacity of Splice Tray	24F
Max. Splicing Capacity	96F
Base sealing method	Heat-shrink
Working Temperature	-40°C ~ +65°C
Applications:	Aerial, directly buried, Wall/pole mounting
Waterproof	IP 68 (in accordance with Telcordia International Standard)
Durability	25 years

Ordering Information

DESCRIPTION	PART NUMBER
Datatronix DEM1 Fibre Optic Dome Enclosure 24 splice, 1 Tray	DEM1-24
Datatronix DEM1 Fibre Optic Dome Enclosure 48 splice, 2 Trays	DEM1-48
Datatronix DEM1 Fibre Optic Dome Enclosure 72 splice, 3 Trays	DEM1-72
Datatronix DEM1 Fibre Optic Dome Enclosure 96 splice, 4 Trays	DEM1-96

Technical Drawing

