



## 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 reliable sealing performance, and the fibre splicing points are protected in a ribbed polypropylene dome that has high mechanical and environmental features. With six entry ports, the enclosure is applicable to in-line or mid-span branching methods. With OptronicsPlus DEM1 Dome Splice Enclosure, you can improve your network system to the higher level.

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## 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

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## Applications

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

## Specifications

| ELEMENT                      | VALUE   |
|------------------------------|---|
| Size (LxWxH)                 | 522 x 208 x 174mm   |
| Weight                       | 2.6kg   |
| Intel port                   | 6   |
| Cable Diameter               | Ø8 ~ Ø24 mm   |
| No. of Splice Tray           | 4   |
| Max. Capacity of Splice Tray | 12F (Up to 24F)   |
| Splicing Capacity            | 48F (Up to 96F)   |
| Splicing Method              | Fusion, Mechanical, Connector                               |
| Splice Protector             | Heat Shrinkable Sleeve, Mechanical Splicer                  |
| Tension Member               | Galvanized Steel Wire, FRP, Wire                            |
| Water proof                  | IP 68 (in accordance with Telcordia International Standard) |

## Ordering Information

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| OptronicsPlus DEM1 Fibre Optic Dome Enclosure 24 splice, 1 Tray  | ODEM1-24    |
| OptronicsPlus DEM1 Fibre Optic Dome Enclosure 48 splice, 2 Trays | ODEM1-48    |
| OptronicsPlus DEM1 Fibre Optic Dome Enclosure 72 splice, 3 Trays | ODEM1-72    |
| OptronicsPlus DEM1 Fibre Optic Dome Enclosure 96 splice, 4 Trays | ODEM1-96    |

Technical Drawing

