



# DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity, Heat Shrink Seal, 8 Round & 1 Oval Ports (PP)



## Applicable Standards

- **TIA/EIA-568** – Telecommunications Cabling Standards
- **IEC 61300** – Fiber Optic Interconnecting Devices & Passive Components Testing
- **GR-771-CORE** – Telcordia Generic Requirements for Fiber Optic Splice Closures
- **GR-487-CORE** – Telcordia Environmental Requirements for Outdoor Enclosures
- **IEC 60529** – Protection Against Dust & Water Ingress
- **ISO 9001** – Quality Management System Certification
- **RoHS & REACH Compliance** – Restriction of Hazardous Substances

## Product Part Number

N152.DF026

## Product Description

The **DomeFOSE Dome Fiber Optic Splice Enclosure** is a high-capacity, weatherproof fiber management solution designed to support up to **144 fiber** splices with 6 splice trays (each accommodating 24 fibers). Constructed with high-impact **polypropylene (PP)** and UV-resistant materials, this enclosure provides durability and protection against harsh environmental conditions. Featuring **heat shrink sealing** for superior waterproofing (IP68-rated), it ensures long-term reliability for aerial, pole-mounted, wall-mounted, duct, and direct-buried installations. With **8 round ports and 1 oval port**, the enclosure offers flexible cable entry options, including support for cable entry without cutting. This versatile and secure fiber optic closure is ideal for FTTH, FTTB, and long-distance backbone network applications.

## Product Features

- **High Fiber Capacity** : Supports up to 144 fiber splices with 6 trays (24F per tray)
- **Heat Shrink Sealing** : Ensures a watertight, dustproof, and highly secure seal
- **Multiple Cable Entry Ports** : 8 round ports and 1 oval port for flexible cable routing without cutting
- **Durable Polypropylene (PP) Construction** : High-impact resistant, UV-protected, and corrosion-resistant for extreme environments
- **Versatile Deployment** : Ideal for aerial, wall-mount, pole-mount, direct buried installations
- **IP68 Rating**: Ensures full protection against water, dust, and harsh weather conditions
- **Easy Fiber Access & Maintenance** : Designed for secure, quick re-entry and future network upgrades





NORTHERN  
LINK

## DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity, Heat Shrink Seal, 8 Round & 1 Oval Ports (PP)

### Material Specifications

Dimensions	201.7 x 494mm
Material	High-Quality Polypropylene (PP)
Cable Entry Ports	8 round ports ( $\varnothing 16\text{mm}$ ) and 1 oval port (67.5mm x 38.5mm), designed to support cable entry without cutting.
Splice Tray Capacity	24F
No. of Splice Trays	6 Trays
Maximum Fiber Capacity	144F
Sealing Mechanism	Heat Shrink Sealing
IP Rating	IP68

### Environmental Specifications

Operating Temperature Range	- 40°C to 65°C
Storage Temperature Range	- 40°C to 70°C

### Ordering Information

N152.DF026	DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity (6 Trays x 24F), Heat Shrink Seal, 8 Round & 1 Oval Ports (PP)
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### Shipping Information

Item	Dimension
Product	Diameter : 201.7mm Height : 494mm

