



# DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity, Heat Shrink Seal, 6 Round Ports (ABS)



## 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.DF003

## Product Description

The **DomeFOSE Dome Fiber Optic Splice Enclosure** is a high-capacity, rugged, and weatherproof solution designed for fiber splicing protection in demanding environments. With a maximum capacity of **144 fibers** (6 splice trays x 24F), it ensures efficient fiber management and seamless network expansion. The heat shrink sealing system provides superior environmental protection, safeguarding fibers from moisture, dust, and contaminants. Featuring **6 round cable entry ports**, this enclosure offers enhanced flexibility for various fiber cable configurations. Made from high-quality **ABS** material, it delivers exceptional durability for aerial, wall-mount and pole-mount installations.

## 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
- **6 Round Cable Ports** : Provides flexible cable entry options for diverse network setups
- **Durable ABS Construction** : Lightweight yet impact-resistant for long-term reliability
- **Versatile Deployment** : Ideal for aerial, wall-mount and pole-mount installations
- **Environmental Protection** : Resistant to moisture, dust, and UV exposure for outdoor applications
- **Future-Ready Design** : Allows easy access for maintenance and fiber expansion





## Material Specifications

Dimensions / Weight	189 x 501.5mm / 3.8 Kg
Material	High-Quality ABS Plastic
Cable Compatibility	Ø23 mm
Cable Entry Ports	6 Round Ports (3 In & 3 Out)
Splice Tray Capacity	24F
No. of Splice Trays	6 Trays
Maximum Fiber Capacity	144F
Sealing Mechanism	Heat Shrink Sealing

## Environmental Specifications

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

## Ordering Information

N152.DF003	DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity (6 Trays x 24F), Heat Shrink Seal, 6 Round Ports (ABS)
------------	--

## Shipping Information

Item	Dimension	Nominal Net Weight
Product	Diameter : 189mm Height : 501.5mm	Weight : 3.8Kg