



DomeFOSE Dome Fiber Optic Splice Enclosure, 120F Capacity, Mechanical Seal, 4 Round 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.DF008

Product Description

The **DomeFOSE Dome Fiber Optic Splice Enclosure** is a high-capacity, mechanically sealed solution designed for fiber splice protection in aerial, underground, and direct burial applications. With a maximum capacity of **120 fibers** (5 trays x 24F), it provides efficient fiber management and network reliability. The mechanical sealing system ensures quick, tool-free installation and re-entry, offering a secure and re-enterable design for easy maintenance. Featuring **4 round cable entry ports**, this enclosure supports flexible fiber routing for FTTx, backbone, and distribution networks. Constructed from high-impact polypropylene (PP) material, it delivers exceptional durability, UV resistance, and long-term performance in harsh environments.

Product Features

- **High Capacity** : Supports up to 120 fiber splices with 5 trays (24F per tray)
- **Mechanical Sealing** : Ensures protection without the need for heat shrink or adhesives
- **4 Round Cable Ports** : Provides versatile cable entry options for easy installation
- **High-Strength Polypropylene (PP) Construction** : Impact-resistant, UV-protected, and corrosion-resistant for extreme environments
- **Versatile Installation** : Suitable for Aerial, wall-mount, and Pole-mount deployments
- **Environmental Protection** : Resistant to moisture, dust, and UV exposure for outdoor applications
- **Easy Maintenance** : Designed for quick re-entry without requiring specialized tools



Material Specifications

Dimensions	168 x 424.5mm
Material	High-Strength Polypropylene (PP)
Cable Compatibility	Ø18 mm
Cable Entry Ports	4 Round Ports
Splice Tray Capacity	24F
No. of Splice Trays	5 Trays
Maximum Fiber Capacity	120F
Sealing Mechanism	Mechanical Sealing - No Heat Shrink required
IP Rating	IP68 – Fully Protected Against Dust & Water

Environmental Specifications

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

Ordering Information

N152.DF008	DomeFOSE Dome Fiber Optic Splice Enclosure, 120F Capacity (5 Trays x 24F), Mechanical Seal, 4 Round Ports (PP)
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Shipping Information

Item	Dimension
Product	Diameter : 168mm Height : 424.5mm