



DomeFOSE Dome Fiber Optic Splice Enclosure, 48F 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.DF006

Product Description

The **DomeFOSE Dome Fiber Optic Splice Enclosure** is a durable and high-performance fiber management solution designed to protect and organize fiber splices in aerial, wall-mount and pole-mount applications. With a maximum capacity of 48 fibers (4 splice trays x 12F), it provides efficient fiber organization and secure splicing protection. The mechanical sealing system ensures quick and tool-free installation, maintaining a reliable seal against water, dust, and environmental contaminants. Equipped with 4 round cable ports, this enclosure supports flexible fiber routing for FTTx, backbone, and distribution networks. Constructed from rugged polypropylene (PP) material, it offers superior impact resistance, UV protection, and long-term durability in harsh outdoor conditions.

Product Features

- **Optimized Capacity** : Supports up to 48 fiber splices with 4 trays (12F per tray)
- **Mechanical Sealing System** : Provides a secure, re-entrant, and tool-free sealing mechanism for ease of use
- **Multiple Cable Entry Options** : 4 round ports for versatile fiber cable routing and network expansion
- **High-Strength Polypropylene (PP) Construction** : Impact-resistant, UV-protected, and corrosion-resistant for extreme environments
- **Versatile Deployment** : Ideal for aerial, wall-mount and pole-mount installations
- **IP68 Rating** : Fully protected against moisture, dust, and extreme weather conditions
- **Easy Access & Maintenance** : Designed for quick re-entry and future network upgrades





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Material Specifications

Dimensions	146 x 310.5mm
Material	High-strength Polypropylene (PP)
Cable Entry Ports	4 Round ports
Splice Tray Capacity	12F
No. of Splice Trays	4 Trays
Maximum Fiber Capacity	48F
Sealing Mechanism	Mechanical Sealing
IP Rating	IP68

Environmental Specifications

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

Ordering Information

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Shipping Information

Item	Dimension
Product	Diameter : 146mm Height : 310.5mm

