



DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity, Heat Shrink Seal, 6 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.DF020

Product Description

The **DomeFOSE Dome Fiber Optic Splice Enclosure** is a high-capacity, heat shrink-sealed closure designed to provide robust protection and secure fiber management in outdoor and harsh environments. With a maximum capacity of **144 fiber** splices across 6 splice trays (24F per tray), it ensures efficient fiber organization and durability. The enclosure features **6 round ports and 1 oval port**, allowing seamless cable entry and exit. Built from high-impact **polypropylene (PP)** with UV resistance, it offers **IP68-rated** waterproof and dustproof performance, making it ideal for aerial, pole-mounted, duct, and underground 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** : 6 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 and pole-mount 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





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Material Specifications

Dimensions	230.5 x 504mm
Material	High-Quality Polypropylene (PP)
Cable Entry Ports	6 round ports (Ø20mm) and 1 oval port (62.5mm x 33mm), 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.DF020	DomeFOSE Dome Fiber Optic Splice Enclosure, 144F Capacity (6 Trays x 24F), Heat Shrink Seal, 6 Round & 1 Oval Ports (PP)
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Shipping Information

Item	Dimension
Product	Diameter : 230.5mm Height : 504mm

