



InFOSE Inline Fiber Optic Splice Enclosure, 36F Capacity, Mechanical Seal, 4 In-Out Round Ports (ABS)



Applicable Standards

- **TIA-568-D.3** – Optical fiber cabling component standards.
- **IEC 60529** – Protection rating against dust and water (IP-rated).
- **GR-771-CORE** – Generic requirements for fiber optic splice closures.
- **RoHS Compliant** – Free from hazardous materials for environmental safety.

Product Part Number

N151.IF002

Product Description

The **InFOSE Inline Fiber Optic Splice Enclosure** is a compact, high-performance fiber splice closure designed for outdoor fiber splicing and cable protection. Constructed from high-quality **ABS plastic**, it ensures durability, weather resistance, and lightweight design for aerial and wall-mounted installations. Featuring a **mechanical sealing system with a rubber gasket**, this enclosure supports easy re-entry and resealing, making it ideal for network maintenance and expansion. It includes **4 in-out round ports**, accommodating fiber cables with diameters ranging from **Φ7mm to Φ12.6mm**. With a maximum capacity of **36 fibers** across 3 splice trays (12F per tray), it is a cost-effective solution for small-scale fiber optic networks.

Product Features

- **Compact & Lightweight Design** : Ideal for small-scale fiber networks, saving space and simplifying installation.
- **36F Capacity** : Supports up to 36 fibers with 3 splice trays (12F per tray).
- **Mechanical Sealing with Rubber Gasket** : Ensures dustproof and waterproof protection (IP55-rated) while allowing for re-entry without resealing materials.
- **4 In-Out Round Ports** : Accommodates fiber cables with diameters of Φ7mm to Φ12.6mm, providing flexible network configurations.
- **Durable ABS Construction** : Impact-resistant and weatherproof, ensuring long-term reliability in outdoor conditions.
- **Versatile Installation** : Supports aerial hanging and wall-mounted applications, making it adaptable for various deployment scenarios.





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Material Specifications

Dimensions	320 × 136 × 66 mm
Weight	1.16 kg
Material	High-quality ABS plastic
Cable Entry Ports	4 (2 In, 2 Out)
Supported Cable Diameter	Φ7mm – Φ12.6mm
Splice Tray Capacity	12F
No. of Splice Trays	3 Trays
Maximum Fiber Capacity	36 fibers
Sealing Mechanism	Mechanical Sealing with Rubber Gasket
IP Rating	IP55 – Protection against dust & water
Mounting Options	Aerial-Hanged, Wall-Mounted

Environmental Specifications

Operating Temperature Range	-5°C to +40°C
Storage Temperature Range	- 40°C to 70°C
Relative Humidity	<90% (at +30°C)
Atmospheric Pressure	70Kpa – 106Kpa

Accessories List

- Splice Protector Sleeve
- Allen Wrench
- Aerial Mounting Accessories
- Cable Ties





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Ordering Information

N151.IF002	InFOSE Inline Fiber Optic Splice Enclosure, 36F Capacity (3 Trays x 12F), Mechanical Seal, 4 In-Out Round Ports (ABS)
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Shipping Information

Item	Dimension	Nominal Net Weight
Product	Length : 320mm Width : 136mm Depth : 66mm	1.0 kg

