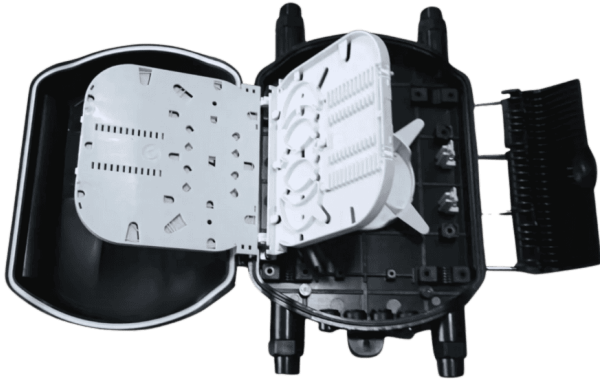




InFOSE Inline Fiber Optic Splice Enclosure, 48F Capacity, Mechanical Seal, 4 In-Out Round Ports (ABS)



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.IF009

Product Description

The **InFOSE Fiber Optic Splice Enclosure** is a compact, lightweight, and durable fiber management solution designed for splicing and distributing optical cables. Made from high-quality **ABS plastic**, this enclosure ensures long-term protection, mechanical strength, and environmental resistance. With a **mechanical sealing** structure, it effectively prevents water and dust ingress, ensuring **IP65-rated** protection. The double D box body design provides a space-efficient structure, while its **4 in-out round ports** support multiple cable sizes, allowing secure and organized fiber connections. This enclosure is versatile for **aerial, wall-mounted, or pole-mounted installations**, making it ideal for FTTH, FTTX, and other fiber network applications.

Product Features

- **48F Capacity** : Supports up to 48 fibers with 4 splice trays.
- **Mechanical Seal** : Ensures secure closure and protection from environmental factors.
- **4 Cable Entry Ports** : 2× Ø8mm & 2× Ø12mm ports for various fiber cable sizes.
- **Special Double D Box Body Design** : Lightweight, compact, and efficient space utilization.
- **Waterproof & Dustproof** : IP65-rated protection for outdoor and indoor use.
- **Durable ABS Material** : High-quality construction for long-lasting performance.
- **Flexible Mounting Options** : Suitable for aerial-hanged, wall-mounted, and pole-mounted applications.





InFOSE Inline Fiber Optic Splice Enclosure, 48F Capacity, Mechanical Seal, 4 In-Out Round Ports (ABS)

Material Specifications

Dimensions	276×171.8×75.7mm
Weight	1.4 kg
Material	High-quality ABS plastic
Main Cable Entry Ports	4 (2 In, 2 Out)
Supported Cable Diameters	2× Ø8mm, 2× Ø12mm
Splice Tray Capacity	12F
No. of Splice Trays	4 Trays
Maximum Fiber Capacity	48 Fibers
Sealing Mechanism	Mechanical Seal
IP Rating	IP65
Installation Method	Aerial-Hanged, Wall-Mounted, Pole-Mounted

Environmental Specifications

Operating Temperature Range	-5°C to +40°C
Storage Temperature Range	- 40°C to 70°C

Ordering Information

N151.IF009	InFOSE Inline Fiber Optic Splice Enclosure, 48F Capacity (4 Trays x 12F), Mechanical Seal, 4 In-Out Round Ports (ABS)
------------	---





InFOSE Inline Fiber Optic Splice Enclosure, 48F Capacity, Mechanical Seal, 4 In-Out Round Ports (ABS)

Shipping Information

Item	Dimension	Nominal Net Weight
Product	Length : 276mm Width : 171.8mm Depth : 75.7mm	Weight : 1.4 kg

