



# InFOSE Inline Fiber Optic Splice Enclosure, 144F Capacity, Mechanical Seal, 8 In-Out Round Ports (PP)



## 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.IF024

## Product Description

The **InFOSE Inline Fiber Optic Splice Enclosure** is a horizontal fiber optic splice closure designed for outdoor fiber splicing, connection, and protection. With **8 cable ports (4 in, 4 out)** and a maximum fiber capacity of **144 fibers**, this enclosure provides a secure and efficient solution for aerial fiber optic networks. Made from impact-resistant **PP material**, with ABS splice trays, it ensures high durability and protection against environmental factors. The **mechanical sealing** structure allows for easy re-entry and maintenance, while the **IP65-rated** design offers resistance against dust and water.

## Product Features

- **Durable & Lightweight Design** : PP plastic body with ABS plastic internal components for impact resistance and durability.
- **High fiber capacity** : Supports up to 144 fibers with 6 splice trays (24 fibers per tray)
- **Multiple cable ports** : 8 ports (4 in, 4 out) for 8mm to 16mm cable diameters
- **Mechanical sealing structure** : Allows easy re-entry without replacing sealing materials
- **IP65 protection** : Waterproof and dustproof, suitable for outdoor environments
- **Aerial application** : Designed for outdoor aerial hanged installations
- **Reliable fiber management** : Ensures secure fiber splicing, connection, and protection





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## Material Specifications

Dimensions	493.1 × 221.2 × 100 mm
Material	High-Impact PP Body, ABS Splice Tray
Main Cable Entry Ports	8 Ports (4 In, 4 Out)
Supported Cable Diameters	8mm - 16mm
Splice Tray Capacity	24F
No. of Splice Trays	6 Trays
Maximum Fiber Capacity	144 Fibers
Sealing Mechanism	Mechanical Seal
IP Rating	IP65
Installation Method	Aerial hanging

## Environmental Specifications

Operating Temperature Range	-20°C to +40°C
Storage Temperature Range	- 40°C to 70°C

## Ordering Information

N151.IF024	InFOSE Inline Fiber Optic Splice Enclosure, 144F Capacity (6 Tray x 24F), Mechanical Seal, 8 In-Out Round Ports (PP)
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## Shipping Information

Item	Dimension
Product	Length : 493.1mm Width : 221.2mm Depth : 100mm

