InFOSE Inline Fiber Optic Splice Enclosure, 96F Capacity, Silicone Gasket Seal, 6 In-Out Round Ports (PP)

Product Part Number

N151.IF018

Product Description

The **InFOSE Inline Fiber Optic Splice Enclosure** is a compact and durable fiber management solution designed for fiber splicing and cable protection in harsh outdoor environments. Constructed from **high-quality PP plastic**, it ensures superior impact resistance, lightweight durability, and long-term reliability. The enclosure features **6 cable ports (3 in, 3 out), including 4 ports (Ø8mm) and 2 ports (Ø13mm)**, providing flexible cable management options. A silicone gasket seal between the cover and bottom ensures **IP65-rated** waterproof and dustproof protection, making it suitable for **aerial hanging installations**. Equipped with 4 splice trays supporting up to 24 fibers per tray, this enclosure can accommodate a total capacity of **96 fiber** splices, making it an efficient and cost-effective choice for fiber distribution networks.

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 Features

- Durable & Lightweight Design : PP plastic construction provides excellent impact resistance and long service life.
- High-Density Splicing Capacity : Supports 4 splice trays, each holding 24 fiber splices, for a total of 96 fibers.
- Multiple Cable Entry Options : 6 cable ports (3 in, 3 out) with 4 Ø8mm ports and 2 Ø13mm ports for flexible cable installations.
- Silicone Gasket Seal : Ensures IP65-rated waterproof and dustproof protection, allowing reopening for maintenance.
- IP65 Protection : Dustproof and waterproof design for outdoor use.
- Installation : Designed for aerial hanging applications.
- Secure Cable Management : Integrated cable strengthening core fixing for enhanced protection.

Material Specifications

Dimensions	330 × 183 × 115.5 mm
Weight	2.4kg
Material	PP plastic (lightweight & impact-resistant)
Main Cable Entry Ports	6 Ports (3 In, 3 Out)
Supported Cable Diameters	4 Ports (Ø8mm), 2 Ports (Ø13mm)
Splice Tray Capacity	24F
No. of Splice Trays	4 Trays
Maximum Fiber Capacity	96 Fibers
Sealing Mechanism	Silicone Gasket 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.IF018	InFOSE Inline Fiber Optic Splice Enclosure, 96F Capacity (4 Trays x 24F), Silicone Gasket Seal, 6 In-Out Round Ports (PP)

Shipping Information

Item	Dimension	Nominal Net Weight
Product	Length : 330mm Width : 183mm Depth : 115.5mm	Weight : 2.4kg

RoHS compliant