

24 Fiber Sliding Rack Unit

ON-24FLIU 24

The Optech Network Solutions ON-FLIU Series is a rack-mount sliding Optical Fiber Interconnection Unit designed for organized termination, interconnection, cross-connection, splicing, and management of optical fiber cables.

The Optech Network Solutions ON-24FLIU is a 19-inch rack-mount, 1U sliding Optical Fiber Interconnection Unit with a 24-fiber capacity. It is designed for high-density fiber termination, interconnection, cross-connection, splicing, and organized fiber management.

Its sliding design provides convenient access for installation and maintenance while supporting SC, FC, LC, and ST adapters. The unit features cold-rolled steel construction, powder-coated finish, pigtail storage, cable entry, and adequate working space for efficient fiber operations.

With dimensions of 480 × 310 × 44.4 mm and a net weight of 3.4 kg, the ON-24FLIU operates from -40°C to +60°C. It is suitable for telecommunications, FTTx, OSP, LAN, and other optical fiber network applications.

Benefits

- Easy installation and dismantling
- Supports SC, FC, LC, and ST adapters
- Robust cold-rolled steel construction
- Customer specific applications
- Powder-coated surface for enhanced protection
- Ideal for telecom, LAN, FTTx, and OSP applications

Features

- Standard 19-inch rack-mount design
- Sliding construction for easy access
- Modular design for flexible fiber management
- Dedicated space for fiber splicing
- Pigtail storage with organized fiber routing
- Ample internal space for maintenance

Applications

- Optical Fiber Distribution
- Telecom Networks
- FTTx Networks
- Outside Plant (OSP) installations

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- Fiber Distribution
- Fiber Termination
- Fiber Splicing and Protection

Technical Specification

Product Type	Rack-Mount Sliding Optical Fiber Interconnection Unit
Fiber Capacity	24 Fiber
Mounting	19-inch Standard Rack Mount
Rack Height	1U (44.4 mm)
Dimensions	480 × 310 × 44.4 mm
Suitable Adapter	SC / FC / LC / ST
Material	Cold Rolled Steel
Net Weight	3.4 kg
Cable Entry	20 mm
Surface Finish	Powder Coating
Operating Temperature	-40°C to +60°C
Application	Fiber Termination, Splicing, Interconnection and Cross-Connection

Mechanical Construction

The ON-24FLIU is housed in a cold-rolled steel enclosure with a powder-coated surface finish.

Its 1U, 19-inch rack-mount construction provides a compact solution for fiber management. The sliding mechanism allows the internal fiber-management area to be accessed conveniently during installation, splicing, termination, and maintenance.

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