

6 Fiber Sliding Rack Unit

ON-12FLIU 12

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-12FLIU is a compact 1U, 19-inch rack-mount sliding optical fiber interconnection unit designed for fiber termination, interconnection, cross-connection, splicing, and fiber management. Its sliding design provides easy access for installation, routing, splicing, and maintenance.

With a 12-fiber capacity, the ON-12FLIU supports SC, FC, LC, and ST adapter configurations and features cold-rolled steel construction with a powder-coated finish. It includes organized pigtail storage, flexible fiber routing, 20 mm cable entry, and an operating temperature range of -40°C to +60°C.

The ON-12FLIU is suitable for optical fiber networks, telecommunications, FTTx, OSP, LAN, structured cabling, fiber distribution, termination, splicing, and cross-connection applications. Model: ON-12FLIU — 12 Fiber Rack-Mount Sliding Optical Fiber Interconnection Unit, supplied unloaded; dimensions should be confirmed before publication.

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	12 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
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-12FLIU is constructed using cold-rolled steel with a powder-coated finish for a robust rack-mount enclosure.

The sliding mechanism provides convenient access to the internal fiber-management area for installation, splicing, routing, and maintenance activities.

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