

LinkPower™ FDM1000

Compact Fiber Distribution Module



Product Overview

The LinkPower™ FDM1000 is a compact fiber distribution module designed for the LinkPower™ T1S Series, protection, routing, termination, and splice management of optical fiber connections in spaces with limited installation room. The enclosure incorporates cable-entry grommets, internal fiber-routing and splice-management features, and a front connect panel for organized fiber connectivity.

Features & Benefits

Feature	Benefit
Compact metal housing	Designed for installations where mounting space is limited.
Fiber distribution and termination	Provides organized protection and termination of optical fiber connections.
Integrated fiber and splice management	Internal routing features help organize fiber slack and protect fibers during installation and service.
Cable-entry grommets	Round grommated cable-entry points support protected cable routing into the enclosure.
Front connector-panel access	Provides an organized front interface for fiber adapter/connector positions.
Serviceable hinged cover	Provides convenient access to internal fiber-management components.
Flexible installation concept	Suitable for compact network, communications, control-cabinet, and fiber-distribution environments, subject to final mounting configuration.

Fiber Management

The internal layout provides routing space for fiber slack, cable strain relief, splice organization, and separation/protection of fibers as they are routed toward the connector panel. The FDM1000 concept follows the fiber-management practices reflected in the supplied SPH-01P reference documents, including controlled fiber routing, cable strain relief, and protected connector termination.

Typical Applications

- Enterprise and campus fiber distribution
- Telecommunications and network equipment installations
- Security and surveillance network fiber termination
- Control cabinets and equipment rooms
- Compact fiber demarcation and distribution points

Installation & Fiber Routing

1. Open the housing and route the incoming fiber cable through the appropriate grommet.
2. Provide appropriate cable strain relief before routing fiber inside the enclosure.
3. Route fiber slack around the internal routing features while maintaining the required fiber bend radius.
4. Organize splices and/or fiber transitions within the internal management area.
5. Clean and mate connectors to the selected adapter/connector panel.
6. Verify fiber routing and close the cover without pinching or stressing the fiber.

Technical Specifications

Item	FDM1000 Specification
Product type	Fiber distribution / management housing
Housing construction	Metal enclosure (exact material and finish to be confirmed)
Fiber capacity	Up to 24 fibers — based on the supplied SPH-01P reference architecture; FDM1000 capacity to be confirmed
Connector-panel capacity	One front connector-panel position / footprint; exact FDM1000 adapter compatibility to be confirmed
Splice management	Integrated internal splice/fiber-management area
Cable entry	Round grommated cable-entry points
Mounting	Final FDM1000 mounting method to be confirmed
Dimensions	6.22x5.37x1.50 Inches (158x136.32x38.05 MM)
Weight	1.25 LB (567Kg)

Ordering Information

Product Number	Description	Status
FDM1000	LinkPower™ compact fiber distribution module	Final Release, July 2026

Specification Notes

This is a FDM1000 datasheet drafted from the supplied FDM1000 product images and the three SPH-01P reference documents. Values that are specific to the Corning SPH-01P—such as exact dimensions, weight, finish, package contents, UL status, RoHS status, and specific CCH compatibility—have not been automatically assigned to FDM1000. These items should be replaced with verified FDM1000 production specifications.