Supply of F-02 Single-Port Multimode Fiber Optic Module

Overview

Shop DigiKey''s large in-stock selection of Fiber Optic Transceiver Modules. View inventory, pricing and order now for same day shipping!

Key Takeaways

Single-port multimode fiber optic modules like the F-02 are widely available from major suppliers and are compatible with standard SFP ports for high-speed network connectivity. OverviewSingle-port multimode fiber optic modules, such as the F-02, are compact optical transceivers designed to transmit and receive data over multimode fiber networks. They typically use LC connectors and are compatible with SFP ports on switches, media converters, or servers, allowing for hot-pluggable installation without redesigning existing cabling infrastructure (RS Online).

These modules support high-speed data transmission and are suitable for data centers, enterprise networks, and telecom applications.

Specifications and Compatibility

Fiber Type: Multimode (OM3, OM4, or OM5 depending on module)Port: Single-port SFPConnector: LC or SCData Rates: Typically 1GbE to 10GbE, depending on module modelPlug-and-Play: Modules are hot-swappable, enabling easy network upgrades (CommScope) Applications: Short to medium-range fiber links, server connections, and network aggregation pointsSuppliers and AvailabilityCommScope: Offers a wide range of fiber modules, including single-port multimode SFPs, with flexible configurations for various panels and cassettes (CommScope).

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Digi

Key: Stocks fiber optic transceiver modules with multiple mounting options and connector types, suitable for immediate shipping (DigiKey).

F

S: Provides 10GbE SFP+ modules for enterprise and ISP applications, including multimode options (FS).

R

S Online: Supplies SFP transceivers compatible with multimode fiber, supporting high-speed data transmission and easy replacement (RS Online).

Considerations for Procurement

Compatibility: Ensure the module matches the switch or device SFP port type. Distance and Fiber Type: Multimode modules are optimized for shorter distances; check OM3/OM4/OM5 specifications. Data Rate Requirements: Confirm the module supports the required network speed (1GbE, 10GbE, etc.).

Stock and Lead Time: Suppliers like DigiKey and FS often provide same-day shipping, while larger orders may require lead time from CommScope. By selecting a single-port multimode F-02 module from these suppliers, network operators can achieve reliable, high-speed connectivity with minimal installation complexity.

Article Content

Fiber Optic Transceiver Modules | Optoelectronics

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FOM2 Fiber Optic Modem

chassis DESCRIPTION The FOM-02 Fiber Optic Line Driver transmits asynchronous data up to 230 Kbps over 5 Km of multimode fiber optic cable, up to 30 km . th single mode cable. It can be used

Cables and Accessories

SEL manufactures high-quality fiber optic, ethernet, coaxial, and other cables and accessories. Sized to order and quality tested for reliability and operation.

Fiber Modules

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Featuring low power consumption, these fiber modules are ideal for enterprise LAN networks and other optical links. Please select the fiber cable according to the module type. The multi-mode module

Media converters

Fiber optic converter with ST (B-FOC) connection (1310 nm) for 100Base-TX to multimode fiber optics, DIN rail mountable, extended temperature range,

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE-SR Module supports a link length of 26m on standard Fiber Distributed Data Interface (FDDI)-grade Multimode Fiber (MMF).

WebProcure

WebProcure offers best-in-class functionality, reaching end-to-end from requester to procurement buyer to merchant, and all the way back! Designed specifically for the public sector.

Legrand AV | C2G | USB-C Docking Stations, HDMI, HDBaseT,

The C2G Thunderbolt™ 5 USB-C Cable is Intel®-certified and designed for ultra-fast data transfer, high-resolution video, and powerful device charging.

Datasheet Archive: FINLAND LOW-POWER OPTICAL MODULE

View results and find finland low-power optical module nrz datasheets and circuit and application notes in pdf format.

Huawei FIBER SWITCH Price

The Best Huawei Products Price List Checking Tool ICT–Router, Switch, Optical Transmission & Access Network

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical transceivers, fiber sfp.

Fiber-optic Prism Optical Switches

These component-style fiber-optic prism optical switches utilize moving prisms between fixed collimator pairs, which allows bi-directional switch operation independent of data rate and signal format.

Fiber Optic Cable Assemblies

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Amphenol offers a comprehensive line of single-mode and multi-mode cable assemblies in a variety of cable configurations. From simplex jumpers to multi-fiber custom assemblies, Amphenol can design

Fiber Optic Cables Adapters Couplers Connectors Bulk Cable

Our broad range of fiber optic cable assemblies includes patch or ''trunk'' cable, fan-out or ''break-out'' cable, and conversion harness. Available in several options, including single-mode fiber, multimode

100Base-FX SFP Multi-Mode LC Module (2 km)

The 100Base-FX SFP Multi-Mode LC Module, model TE100-MGBFX, works with standard SFP (Mini-GBIC) slots on most switches and supports Multi-Mode

Multimode ST Gigabit Fiber Media Converter

Plug-n-Play Solution to Extend Ethernet over Multimode Cables up to 550m (0.34 miles) – High Performance 850 nm Wavelength SFP module pre-installed ST Multimode Gigabit 550m (0.34

MultiFiber™ Pro Optical Power Meter and Fiber Test Kits

The Fluke MultiFiber™ Pro Optical Power Meter and Fiber Test Kit is the 1st MPO fiber tester with both single mode and multimode certification. Learn more.

Media converters

Media converters FO media converters for Ethernet and fieldbus enable you to convert your copper interfaces to interference-free fiber optics without the need

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This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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