

Fiber Optic Transceiver Gigabit Multimode Dual Fiber



AI Overview

A Gigabit multimode dual fiber transceiver is a hot-swappable SFP module designed for high-speed data transmission over multimode fiber using duplex LC connectors, typically operating at 850nm with distances up to 550 meters.

Key Features

- Form Factor:** Small Form-Factor Pluggable (SFP), hot-swappable for easy installation and replacement.
- Data Rate:** Supports Gigabit Ethernet (1 Gbps) and dual-rate Fast Ethernet (100/1000 Mbps) for flexible network integration.
- Fiber Type:** Multimode fiber (MMF), commonly 50/125µm OM2 or 62.5/125µm OM1.
- Wavelength:** Typically 850nm VCSEL transmitter for short-range multimode applications.
- Transmission Distance:** Up to 550 meters on 50/125µm fiber and up to 300 meters on 62.5/125µm fiber.
- Connector Type:** Duplex LC connectors for dual fiber (separate transmit and receive strands).
- Power and Diagnostics:** Low power consumption (



Article Content

Products

04 DWDM Dual Fiber Mux/DeMux 10 variants available M Module, 100GHz, 1310 Port, Monitor

Networking Transceivers And Converters

Networking Transceivers And Converters at Office Depot & OfficeMax. Shop today online, in store or buy online and pick up in stores.

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

SFP Transceivers | Omnitron Systems

Omnitron Small Form Pluggable (SFP) Transceivers are interchangeable, compact media connectors, providing reliable and high

Cisco SFP-10G-SR 0-2415-03 10 Gigabit Transceiver Multimode Fiber

Cisco SFP-10G-SR 0-2415-03 10 Gigabit Transceiver Multimode Fiber LOT OF 5 For Sale When you click on links to various merchants on this site and make a purchase, this can result in this site

Networking Transceivers And Converters

Media Converters Use a networking converter to connect two types of dissimilar media, such as twisted-pair cables and fiber optic cables. With plenty of media converters to choose from, it's easy to extend

L-com FODZSC-OM5-1 OM5 50/125 Multimode Fiber Cable, Dual SC / Dual

These OM5, 50/125 Multimode laser optimized fiber optic cables are constructed from the highest quality silica and are 100% factory tested. These fiber optic patch cables feature LSZH (Low Smoke Zero

Markertek: Video Cameras, Intercom, Wireless Mics, Cable, Connector

Essential Tech Gear for Broadcast Quality Video Productions Markertek, an employee-owned company, provides tech gear for video production, audio recording, and media entertainment professionals -

How to Choose a VLAN Media Converter for 802.1Q Tagging

BYXGD 10/100/1000M Gigabit SFP Optical Fiber Media Converter HTB-GS-03AB
1000Mbps Fiber Transceiver with POE VLAN Support \$5.40 4.6(801) MOQ: 1 pair
Shanghai MM International

SFP Optical Transceiver | SFP Optical Module | Perle

Perle SFP Optical Transceivers are hot-swappable, compact media connectors that provide instant fiber connectivity for your networking gear. They are a cost

Small Form-factor Pluggable

Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module

RB-AUDIO02-SFP two XLR balanced audio channels ONE WAY over fiber ...

Key Features Dual-Channel Audio Extension: Simultaneously transmits two independent XLR balanced audio signals, suitable for professional broadcast and audio distribution setups. Single Fiber Strand

Gigabit Ethernet

Gigabit Ethernet was the next iteration, increasing the speed to 1000 Mbit/s. The initial standard for Gigabit Ethernet was produced by the IEEE in June 1998 as

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100GBASE QSFP-100G Modules Data Sheet

Cisco QSFP-40/100-SRBD The Cisco QSFP 40/100 Gb dual-rate Bi-Directional (BiDi) transceiver is a pluggable optical transceiver with a duplex LC

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP 100-Gb SR1.2 Bi-Directional (BiDi) transceiver is a pluggable optical transceiver with a duplex LC connector interface for short

Amazon : 2Pack BiDi Gigabit Multi-Mode Fiber

Complete Package: Includes 2 Gigabit Multi-Mode Fiber Ethernet SFP Slot media

Lightera Optical Fiber & Connectivity Solutions

Lightera isn't just about connectivity, it's about empowering industries, advancing technology, and improving lives with the power of optical technology.

10 Best Fiber Optic Media Converters (May 2026)

Discover the best fiber optic media converters in 2026. Our experts tested 10 top models for reliability, performance, and value. Complete buying

Fiber-optic communication

Modern fiber-optic communication systems generally include optical transmitters that convert electrical signals into optical signals, optical fiber cables to carry the

SFP Transceivers | 1G, CWDM, DWDM, BiDi | EDGE

Standard duplex Gigabit Ethernet SFP transceivers operating over dual-fiber single-mode connections. Covering distances from 550m multimode to 160km single

Global IT Products & Network Solutions Provider | Black Box

Black Box provides cutting-edge IT solutions and technology products to businesses worldwide, ensuring innovative and reliable services for global digital transformation.

1000BASE-SX SFP 850nm 550m Multimode

SFP-1G85-5M 1000BASE-SX 850nm 550m SFP transceivers are high performance, cost effective modules supporting dual data-rate of

Genuine Cisco QSFP-40/100-SRBD 100G/40GBASE SR-BiDi QSFP Transceiver

Form Factor QSFP (QSFP28 for 100G, QSFP+ for 40G). The Genuine Cisco QSFP-40/100-SRBD Transceiver with part number 10-3317-03 is a high-performance, dual-rate optical

L-com MCST-SC-05 Dual STDual SC Mode Conditioning Cable5.0m-

L-com's Mode Conditioning fiber optic cables are used in applications to adapt the single mode output of a Gigabit Ethernet (1000BASE-LX) transceiver to a 62.5/125 multimode cable plant. These fiber optic

Dual Fiber

Regular SFP optical transceivers use two fiber strands to operate. This category includes all types of SFPs using two strands: one for Tx and one for Rx. This category has most common multi-mode and

Contact Us

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