

Fiber Optic Transceiver Single-Mode Single-Fiber Etlink 310



Overview

Product Description □ 10G BiDi SFP+ 1490nm/1550nm 70KM LC Optical Transceiver
This high-performance bidirectional SFP+ transceiver delivers 10Gbps connectivity over 70km single-mode fiber using 1490nm/1550nm wavelength division multiplexing (WDM) technology. Simplex LC interface, hot-pluggable design, and integrated Digital Diagnostics Monitoring (DDM/DOM), it provides real-time performance tracking for critical infrastructure. Operating at a 1310nm wavelength, this compact, hot-pluggable transceiver supports data rates up to 1.25 Gbps, making it an ideal solution for Gigabit. Singlemode Fiber Optics are available at Mouser Electronics.
Pricing (USD) Filter the results in the table by unit price based on your quantity. A tariff of 38% may be applied if shipping to the United States. ≥60dB isolation, 690~2700 MHz bands. RS232 interface, AGC 7dB, link gain 0 ± 2 dB.

Article Content

8 Best Fiber Optic Patch Cables for Data Centers (July

Discover the best fiber optic patch cables for data centers in 2026. Expert reviews of 8 top-rated OM3, OM4, and OS2 cables for reliable

7 Best Fiber Optic ONT | Don't Buy Until You Read This

How To Choose The Best Fiber Optic ONT The right converter for your network comes down to matching three things: the fiber type you already own or plan to bury, the SFP transceiver

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RF over Single Fiber Optic Transceiver for FTTx Solutions. 4dBm±2dBm fiber output power, 1310/1550nm wavelength, -15~6dBm input power. ≥60dB isolation,

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2pcs New 1.25G SFP BiDi Transceiver 1310nm/1550nm 10km Gigabit Single Mode Single Fiber LC Connector Optical Module for Switch US \$13.15

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Track how Fiber Optics Industry growth is shifting in 2026, where demand for higher capacity networks is tightening the link between new fiber

Cisco 10GBASE SFP+ Modules Data Sheet

When shorter distances of single-mode fiber are used (<40km), an inline optical attenuator must be used to avoid overloading and damaging the receiver. Table 7 describes the bail latch color

Single -mode fiber transceiver

They are designed to transmit and receive optical signals with high speed and accuracy over long distances, making them ideal for high-speed networking applications. In this article, we will

SEL-2831 Single-Mode Fiber-Optic Transceiver/Modem

Improve safety, signal integrity, and reliability by using two optical fibers instead of wire to transfer bidirectional serial data using single-mode optical fiber.

Fiber Optic Transceiver Module

Find here Optical Transceiver, Transceiver Module manufacturers, suppliers & exporters in India. Get contact details & address of companies

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Find top AAOI optical transceiver 800G options for AI, HPC, and data centers. Explore low-latency, high-density, and verified suppliers. Click to discover reliable, future-ready connectivity for

Altronix Products

Altronix P1SM10 are hot-pluggable SFP fiber transceiver modules and are readily usable with all Altronix Spectrum fiber optic equipment for 1G transmission rates.

1.25G SFP LX 1310nm 10KM LC Optical Transceiver

Operating at a 1310nm wavelength, this compact, hot-pluggable transceiver supports data rates up to 1.25 Gbps, making it an ideal solution for Gigabit

10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

Product Description□10G BiDi SFP+ 1490nm/1550nm 70KM LC Optical Transceiver
This high-performance bidirectional SFP+ transceiver delivers 10Gbps connectivity over 70km single-mode

Fiber Optic Cables and Panels for Mission Critical Networks

Fiber Optic Cables Custom Fiber Patch Panels Transceivers CWDM / DWDM
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Singlemode Transceivers Fiber Optic Transmitters, Receivers ...

Mouser offers inventory, pricing, & datasheets for Singlemode Transceivers Fiber Optic Transmitters, Receivers, Transceivers.

Germanium Chokepoint: China's Grip on AI Fiber | Introl Blog

China controls 60% of germanium, a critical fiber optic dopant. AI GPU racks need 36x more fiber. With prices up 200%, the \$690B buildout faces a chokepoint.

Telecommunications Industry Association | TIAonline | Home

The Telecommunications Industry Association (TIA) advances high-speed networks and next-generation Information and Communications Technology (ICT) innovation.

D-Link DEM-310GT network transceiver module

SFP transceiver type: Fiber optic, Maximum data transfer rate: 1250 Mbit/s, Interface type: SFP. Product colour: Metallic. Maximum voltage: 3.3 V. Certification: MSA, RoHS. Package width: 74 mm,

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.

Co-Packaged Optics (CPO) 2026: Complete Technical Guide

1. What is co-packaged optics? Co-packaged optics (CPO) puts the optical engine — the part that converts electrical signals into light — directly onto the switch chip's own package, instead

Enterprise LAN Fiber Network: Planning & Implementation Guide

2026 enterprise LAN fiber network guide covering 400G/800G campus migration, OM4/OM5/OS2 selection, TIA-568 structured cabling, Wi-Fi 7 readiness, AI-driven bandwidth planning, and

10 Best Loose Tube Fiber Optic Cables (July 2026)

Discover the best loose tube fiber optic cables for outdoor runs with our 2026 guide. We tested 10 models for performance, protection and value.

What is SFP Port? Everything You Need to Know

What is an SFP port? The SFP port also refers to a Small Form-factor Pluggable port. It is a compact mechanical slot that accepts an SFP module insert for high-speed data transmission

HTB-GS-03-A/B netLINK 1000M Single-mode Single Fiber Optic

The transmission of a channel optical signals can be completed by single fiber. It has doubled in quantity of fiber data transmission compared with twin fiber type.

Single Mode Fiber Transceivers – Fiber Savvy

Single Mode Fiber Optic Transceivers are essential components in high-speed, long-distance data transfer networks. Their ability to support high data rates, reach, and reliability make them ideal for

D-Link 1-port Mini-GBIC SFP to 1000BaseLX Industrial Transceiver

1-port Mini-GBIC SFP to 1000BaseLX Single-Mode Fibre Transceiver up to 10 km 40 ~ 85°C operating temperature [More Information](#)

Contact Us

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