Fiber optic transceiver single-mode dual-fiber price quote



Overview

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

Key Takeaways

Single-mode dual-fiber transceivers typically range from $20 to $150 per module depending on speed, reach, and brand.

Pricing Overview

Cobtel 10G SFP+ Single-Mode Dual-Fiber Module: 10 Gigabit, 1310nm wavelength, 10km reach, LC connector. Price is approximately $80–$120 per module depending on quantity and vendor. Mouser Electronics: Offers a wide range of single-mode transceivers compatible with major brands.

Prices vary by speed (1G, 10G, 25G), reach, and series, typically $20–$150 per unit. Amazon: Single-mode SFP modules compatible with Cisco, Ubiquiti, and other brands. Prices for 1G modules start around $25, while 10G modules can reach $100–$150.

Fiber24: Provides multiple models of single-mode transceivers with dual-fiber support. Pricing is competitive and depends on specifications such as wavelength, reach, and data rate.

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Key Specifications to Consider

Data Rate: 1G, 10G, or higher depending on network requirements. Wavelength: Commonly 1310nm or 1550nm for single-mode. Reach: Typically 10km for standard modules; extended reach modules are available.

Connector Type: LC is standard for dual-fiber modules. Compatibility: Ensure the transceiver is compatible with your network equipment (Cisco, Ubiquiti, Juniper, etc.).

Recommendations

For data centers or high-speed networks, a 10G SFP+ module like the Cobtel 1310nm 10km LC is suitable for low latency and high stability. For general networking or shorter distances, 1G SFP single-mode modules from Mouser or Amazon provide cost-effective options. Always check vendor datasheets for exact specifications and warranty information before purchase.

By comparing vendors and specifications, you can select a single-mode dual-fiber transceiver that balances performance, reach, and cost for your network needs.

Article Content

Singlemode Transceivers Fiber Optic Transmitters, Receivers ...

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

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The fiber optic transceiver modules can work in any network architecture through professional capabilities and in-house lab test. Click to get your transceiver modules from nearby warehouses. 30

Buy Transceivers – SFP, SFP+, and QSFP Modules

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Transceivers (=SFP) are plug-in modules that can be inserted into converters, multiplexers or switches, thereby providing the input and output for the fibre optic cable.

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

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

optical transceiver sfp+ 10g single mode module 1310nm 10km lc

The 1310nm LC Interface 10G Singlemode Dual-fiber Optical Module is the workhorse of the modern network. It combines speed, distance, and reliability into a compact package.

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In just 1RU, you can transport up to 18x SDI signals up to 3Gbps without compression over one single-mode fiber. The VB-3811 features LED''s to indicate signal presence and optical link status. When

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EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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