

SFF optical module supply price



Overview

Comparing sff module prices. You can easily wholesale quality sff module at wholesale prices on Made-in-China .

Key Takeaways

SFF optical module prices vary widely, ranging from around \$10 for basic 1G modules to several hundred dollars for high-speed 10G-100G transceivers. Price OverviewEntry-Level 1G Modules: Basic SFF modules for 1 Gbps Ethernet over multimode fiber typically cost \$10-\$50 per unit, suitable for small office networks or legacy systems (Alibaba, Optcore).

Gigabit Single-

Mode Modules (1. 25G): High-speed single-mode SFF transceivers, compatible with SFF-8472 protocol, are priced around \$50-\$100 on platforms like Amazon.

High-

Performance 10G-100G Modules: Advanced SFF modules for data centers or telecom backbones, including CFP or CWDM variants, can range from \$200 up to \$500 or more, depending on data rate, transmission distance, and vendor.

Factors Affecting Price

Data Rate: Higher-speed modules (10G, 25G, 40G, 100G) are significantly more expensive than 1G modules. Transmission Distance: Modules designed for long-haul or metro networks cost more due to higher-quality lasers and optical components. Fiber Type: Single-mode modules are generally pricier than multimode modules.

Vendor and Warranty: Prices vary by supplier, with distributors like Mouser and DigiKey offering competitive pricing and bulk discounts. **Special Features:** CWDM, DWDM, or high-density SFF modules for cloud infrastructure or carrier networks command premium prices.

Purchasing Tips

Check Compatibility: Ensure the module matches your switch or router model. **Consider Future Scalability:** Investing in higher-speed modules may reduce future upgrade costs. **Bulk Orders:** Distributors often provide lower per-unit prices for larger quantities.

Environmental Requirements: Outdoor or high-temperature applications may require industrial-grade modules, which are more expensive. In summary, SFF optical module prices are highly variable, with basic 1G modules being very affordable, while high-speed, long-distance, or specialized modules can cost several hundred dollars per unit. Always compare vendors and specifications to find the best fit for your network needs.

Article Content

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SFF Optical Modules

Shop our selection of SFF optical modules for reliable fibre channel communication. Enjoy high performance and robust construction for your data needs.

SFF Fiber Optic Transmitters, Receivers, Transceivers – Mouser

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

Fiber Optic Transceiver Modules | Optoelectronics

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SFF Transceivers Modules Types Prices & Technical Specifications

What is an SFF optical transceiver? An SFF transceiver is a Small Form Factor optical module used for data rates up to 2.5 Gbps in Ethernet, Fibre Channel, and SONET applications.

SFF Transceivers

SFF transceivers are available with a variety of different transmitter and receiver types, allowing users to select the appropriate transceiver for each link to provide the required optical reach over the

155Mbps 1310nm 40km SFF Transceiver Module

155Mbps SMF 1310nm 40km SFF Transceiver for Fast Ethernet/STM-1/OC-3 at Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

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155M 2x5 SFF Optical Transceiver Module

The LF5-xMxx01-xxAC series of transceiver modules are the perfect solution for low-speed communication networks. These transceiver modules support data rates up to 200Mbps.

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The Ultimate Guide to SFP Modules (2026): Types, Speeds

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right transceiver for Cisco, Juniper, and more.

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, advancing at a compound annual

Somali 100G Optical Module For Sale Buyers & Importers ...

Sell Somali 100G Optical Module For Sale in bulk to verified buyers and importers. Connect with businesses actively looking to buy wholesale Somali 100G Optical Module For Sale at best prices.

Berns gigabit sfp transceiver ✗ Lc photoelectric conversion artifact ...

Have you ever experienced: the network cable in the computer room suddenly breaks in the middle of pulling, and the fiber optic interface does not match and you stare blankly; temporary

Optical Module MCUs Become Critical as AI Data Centers Drive

The demand surge reflects the explosive growth in AI server shipments and accompanying optical module demand, pushing supporting MCU chips into short supply. Within an

Optical Module Procurement Guide

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to optimize costs, reliability, and total ownership.

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

