How much does an SFF optical module cost

Overview

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

Key Takeaways

SFF optical modules typically range from around $10 to over $500 per unit, depending on type, data rate, and transmission distance. Price OverviewSFF optical modules, also known as small form-factor transceivers, are available in a wide range of prices based on specifications and vendor. Basic short-range modules (e.g., 850 nm SX for multi-mode fiber) can cost as low as $10–$50 per unit, while longer-range or high-speed modules (e.g., 10 Gbps, 25 Gbps, or CWDM/DWDM versions) can range from $100 to $500 or more per unit.

Enterprise-grade modules with advanced features like digital signal processing, error correction, and extended temperature operation may be at the higher end of this range.

Factors Affecting Price

Data Rate: Modules supporting higher speeds (10 Gbps, 25 Gbps, 40 Gbps, 100 Gbps) are more expensive than 1 Gbps or 2 Gbps modules. Transmission Distance: Single-mode modules for long-distance links (up to 160 km) cost more than short-range multi-mode modules. Wavelength and Type: Modules with specialized wavelengths (1310 nm LX, 1550 nm ZX, CWDM, BiDi) are priced higher due to manufacturing complexity.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Vendor and Brand: OEM or branded modules from established vendors may carry a premium compared to generic or bulk-purchased modules. Environmental and Operational Features: Modules rated for extended temperature ranges (-40°C to 85°C) or with hot-swappable capabilities may cost more. Typical ApplicationsSFF modules are widely used in enterprise data centers, telecommunications, and high-speed networking, supporting Ethernet, Fibre Channel, SONET/SDH, and other standards.

Their price reflects both performance and reliability requirements for these applications. In summary, when budgeting for SFF optical modules, expect low-end modules around $10–$50, mid-range modules $50–$150, and high-performance or long-distance modules $150–$500+, with prices influenced by speed, distance, wavelength, and vendor.

Article Content

sff module Price

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

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

Fiber Optic Transceiver Modules | Optoelectronics

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

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.

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

This guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800G modules, provides an objective comparison between OEM and third-party products,

Gigabit Single Mode 1.25G SFF 8472 Single Fiber Transceiver Optical ...

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Gigabit Performance: Gigabit single mode single fiber, 1.25g single channel with sff-8472 protocol standard. Compatible with Major Brands: Suitable for most cpmputers. Versatile

SFF Fiber Optic Transmitters, Receivers, Transceivers – Mouser

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

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.

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

10G SFP+ Optical Transceivers | Transceiver Module

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

SFP transceiver BlueOptics QFX-SFP-1GE-LX | AiO.lv

Short description The BlueOptics QFX-SFP-1GE-LX is a fiber optic SFP transceiver module designed for high-speed data transfer. It supports a maximum data rate of 1250 Mbit/s and operates at a

SFP+ CBO SFP-AOC-10G-15M 10Gbps 15m | AiO.lv

Active Optical Cable CBO SFP-AOC-10G-15M is a factory-assembled SFP+ direct-attach solution that delivers 10 Gbps connectivity over a 15-meter optical link. Built for data center and network

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

SFP Transceiver CBO SFP-1G-LH 1G 1310nm | AiO.lv

Customer reviews Customer questions FAQ How much does the SFP Transceiver CBO SFP-1G-LH 1G 1310nm cost, and is it available for purchase? The price is 65.49 € (valid at the time of publication

SFP transceiver BlueOptics SFP-GLS-W5320-A-BO | AiO.lv

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Customer reviews Customer questions FAQ How much does the SFP transceiver BlueOptics SFP-GLS-W5320-A-BO cost, and is it available for purchase? The price is 54.99 € (valid at the time of

Single Mode SFP vs Multimode SFP: What the Differences Are

5. Cost The main cost of the SFP module is optical components. Singlemode SFPs use expensive FP and DFB lasers, which are usually more costly than multimode SFPs. However, in the

SFP+ transceiver CBO SFP-10G-BX-D | AiO.lv

Short description CBO SFP-10G-BX-D is an SFP+ fiber optic transceiver module for 10 Gigabit Ethernet. Designed for single-fiber bidirectional links, it supports high-speed data transmission in network

Optical module – A comprehensive exploration

The optical module is one of the core devices of the optical communication system, and its development has a vital impact on its related industrial chain. So, what is an optical module? How

Contact Us

Continue your research online:

Website: https://cjcconsultants.co.za
Technical inquiry: https://cjcconsultants.co.za/contact.html

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

© 2026 CJC FIBRE CONSULTANTS - All rights reserved