

Prices of lc optical modules and sc optical modules



Overview

10G SFP+ Optical Transceivers | Transceiver Module Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 26.

Key Takeaways

LC optical modules typically range from \$20 to \$280 per module depending on type, data rate, and reach.

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C optical modules, which include SFP, SFP+, and QSFP variants, are widely used in fiber optic networks for data transmission.

Short-reach SF

P modules for 1G or 10G connections can cost as low as \$20-\$35 per module for third-party suppliers, while longer-reach or higher-speed modules like LR4 or CWDM4 can range from \$100 to \$280 or more per module depending on specifications and vendor. Factors affecting price include: Data rate: 1G, 10G, 25G, 40G, 100G modules have increasing costs. Transmission distance: Short-reach (SR) modules are cheaper than long-reach (LR) or extended-reach (ZR) modules.

Brand and warranty: OEM modules are generally more expensive than compatible third-party modules. Connector type: LC connectors are standard for SFP/SFP+ modules, while QSFP modules may use multiple LC or MPO connectors. Examples of pricing: SFP+ 10G SR LC module: ~\$20-\$50 per module for third-party options.

QSFP28 100G LR4 LC module: ~\$280 per module for standard OEM pricing, with third-party alternatives starting around \$35 for short-reach models. 1G SFP LC modules: Often available for \$20–\$30 each from distributors like FS, Mouser, and DigiKey. For bulk purchases, prices can decrease significantly, and distributors often provide datasheets and compatibility information to ensure modules work with specific switches or routers.

When budgeting, consider cost per gigabit as a metric: a \$35 QSFP28 SR4 module delivers 100G, equating to \$0.35 per Gbps, whereas a \$20 SFP+ 10G module equals \$2.00 per Gbps.

Overall, LC optical module pricing is highly variable, and buyers should compare module type, reach, vendor, and warranty to select the most cost-effective option for their network needs.

Article Content

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Amazon : Sfp Module

Upgrade your network infrastructure with versatile SFP modules. Discover options for 1G, 10G, and fiber optic standards to meet your connectivity needs.

50/25/10/1G Transceiver Modules | Optical Transceivers

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting transmission distances from 30m to 160km over SMF/MMF

Fiber Optic Transceiver Modules | Optoelectronics

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Fiber Loopback Cables/Modules

FiberLife provides a wide range of loopback devices in various connector types (LC, SC, MTP/MPO) and fiber modes such as singlemode (SM)

Fiber Connectors

Fiber Optic Cable Connectors are used to connect two runs of fiber optic cable. The most popular versions include, push-on Square Connectors (SC), snap-in Lucent Connectors (LC), and twist-on

All Kinds of Fiber Optic Patch Cords – SC, LC, FC, ST Explained

Learn about SC, LC, FC, and ST fiber optic patch cords, their uses in FTTH, telecom, and data centers, and how to choose the right type.

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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

SFP Optical Transceiver

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HOLIGHT Fiber Optic Manufacturer in China | Patch Cords

HOLIGHT is a global fiber optic manufacturer in China, providing patch cords, adapters, terminal boxes and FTTH solutions for worldwide telecom projects.

10G BiDi SFP+ Optical Module Interface Comparison: SC Vs LC

With the increasing demand for high-speed optical communications in data centers, enterprise networks, and carrier networks, 10G BiDi SFP+ optical modules have become a

Optical Transceiver Modules Prices & Specifications

SFP (Small Form-factor Pluggable) optical module: smaller than XFP, SFP optical modules support LC fiber optic connectors, hot plugging. SFP+ (Small Form-factor Pluggable Plus) optical module: SFP+

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