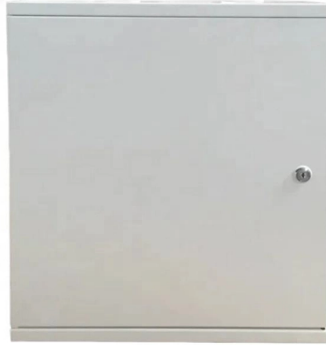


Price List for 50G Optical Modules



Overview

50G QSFP28/SFP56 Optical Transceiver Modules Click to get your 50g sfp56, qsfp28 transceiver modules from nearby warehouses. 30-Day Free Return. 50G QSFP28.

Key Takeaways

50G optical modules typically cost between \$100 and \$500, depending on type, reach, and brand. Typical Price Range

The cost of a 50G optical transceiver, such as QSFP28 or SFP56 modules, varies based on several factors:

- Generic or compatible modules: These are often the most cost-effective, with prices starting around \$100-\$200 for short-reach multimode modules and standard single-mode modules suitable for data centers or enterprise networks .
- Branded or OEM-certified modules: Modules from major manufacturers or those designed for long-reach single-mode applications can cost \$300-\$500 or more, reflecting higher reliability, warranty, and testing standards .
- Specialized modules: Long-haul, DWDM, or PAM4 50G modules for 5G mid-haul/backhaul or extended distances (up to 40 km) may exceed \$500, depending on optical complexity and certification .

Factors Affecting Cost

- Form Factor: QSFP28 modules are generally more expensive than SFP56 due to higher density and multi-lane support.
- Reach and Wavelength: Short-reach multimode modules (e.g., 100m-500m) are cheaper than long-reach single-mode modules (10-40 km).

- **Modulation Technology:** PAM4 modules for 50G Ethernet are slightly more expensive than NRZ-based modules due to advanced signal processing.
 - **Brand and Warranty:** OEM-certified modules carry a premium for guaranteed compatibility and lifetime support, while generic modules are more affordable but may have limited warranty.
 - **Volume Purchase:** Bulk orders can reduce per-unit cost significantly, especially for generic modules.
- Summary

For most data center or enterprise applications, a 50G SFP56 or QSFP28 module will cost roughly \$100–\$500, with short-reach generic modules at the lower end and long-reach, branded, or specialized modules at the higher end. Choosing between generic and OEM-certified modules depends on your budget, network reliability requirements, and distance needs .

Article Content

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50G QSFP28/SFP56 Optical Transceiver Modules

QSFP28 50GBASE-ER 1310nm 40km Module, Generic Broadcom | Mitsubishi EML Chip
| Data Center | $\leq 4.5W$ | Duplex LC | SMF |

50G QSFP28 50G SFP56 Optical Transceiver Module | FiberMall

The 50g SFP56 module, known as an Optical Transceiving (OTM), is a plug-and-play hot-pluggable small form-factor module that

OPTICAL MODULE Price

ONS 15454 Optical Service Channel Module. ONS 15454 Enhanced Optical Booster Amplifier Module. ONS 15454 Optical Booster

Cisco 50GBASE SFP56 Modules Data Sheet

The Cisco® 50GBASE SFP56 (Small Form-Factor Pluggable) portfolio offers customers a

25G/40G/50G/100G Optical Transceiver Modules | FiberMall

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Superxon 50G ONU transceivers, compliant with QSFP28 MSA, support single-fiber bi-directional data

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The 50G Fronthaul Optical Module market was valued at \$1.2 billion in 2025 and is projected to reach \$5.8 billion by

Explore the Features and Applications of FS 50G SFP56 Module

The 50G SFP56 is an optical module used in fiber optic communication. It is capable of providing a transmission rate of

[Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON Optical ...](#)

Huawei offers multiple GPON XG-PON XGS-PON & 50G-PON optical module options, including Class B+, Class C+,

[FortiGate FortiWiFi 50G Series Data Sheet | Fortinet](#)

The FortiGate Next-Generation Firewall 50G series is ideal for building security-driven networks at distributed enterprise sites and

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50G QSFP28 transceiver modules are a high-performance, cost-effective modules for 50Gigabit Ethernet links and up to ZR2 80km

[50GBASE-ER SFP56 Transceiver](#)

EDGEOPTIC 50GBASE-ER SFP56 transceiver: 40km single-mode fiber, 1311nm wavelength, 17dB link budget, PAM4 modulation.

[Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP Module Price](#)

Get Optical Transceiver Modules at Best Price, Cisco and HUAWEI SFP Module, 10G SFP+ Module, 25G SFP Module, 40g QSFP

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Cisco 50GbE Long Range QSFP56 Transceiver Module

The Cisco SFP-50G-LR-S= transceiver module is designed for high-performance connectivity in modern networking environments.

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HeyOptics provides 50G QSFP28 ER PAM4 optical modules and other 50G transceivers in 50GBASE-LR (10km) and 50G BiDi

OPTICAL MODULE Price

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price list

CHIP-650-P10, 650 nm, 10 mW, laser diode chip, sm (no guarantee on bare dies!)
CHIP-650-P30, 650 nm, 30 mW, laser diode chip,

OEM & ODM 10G/25G/40G/50G Modules, Optical Transceivers

Architect seamless, high-bandwidth enterprise connections and telecom aggregation with the industry-certified 10G/25G/40G/50G

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

