

Price of a 40km optical module



Overview

Extend Your 100G Reach to 40km Transmission with FS OpticsDiscover FS 100G 40km optical modules, including OWDM, ER4L, BiDi, and 4W40, offering high-speed.

Key Takeaways

A 40 km optical module typically costs between €508 and \$500-\$600 depending on the vendor and specifications.

Pricing Examples

Edge Optical Solutions lists the 100G-4WDM-QSFP40KM transceiver at €508, compatible with Extreme Networks platforms, supporting 100GBASE-4WDM over 40 km single-mode fiber with RS-FEC enabled for full reach.

Fiber

Mall offers a 50G QSFP28 ER transceiver supporting 40 km over SMF, suitable for 50GBASE Ethernet, though the exact price is not listed, similar modules in this category generally range around \$500-\$600.

HEYOPTIC

S provides a 100GBASE-ER4 QSFP28 40 km transceiver with worldwide shipping, lifetime warranty, and bulk pricing options, indicating that prices for generic compatible modules are competitive and often in the \$500-\$600 range.

Considerations

Module Type: QSFP28 (100G) or QSFP+ (40G) modules may differ in price depending on speed and vendor. **Compatibility:** Ensure the module is compatible with your switch or router platform. Some modules are vendor-specific or coded for certain brands.

Warranty and Support: Many suppliers offer lifetime warranty or repair options, which can affect the overall cost. **Bulk Orders:** Purchasing multiple modules may reduce the per-unit price. In summary, for a 40 km optical module, expect to pay around €500-\$600 per unit, with variations depending on speed, vendor, and warranty options.

Article Content

Extend Your 100G Reach to 40km Transmission with FS Optics

Discover FS 100G 40km optical modules, including OWDM, ER4L, BiDi, and 4W40, offering high-speed, low-latency, and low-power long-distance transmission.

100G-4WDM-QSFP40KM Extreme | €508 | EDGE Optical Solutions

Extreme Networks-coded 100G-4WDM-QSFP40KM compatible. 100GBASE-4WDM-40 QSFP28, 40km SMF over LAN-WDM, DOM. EU stock + lifetime warranty. €508.

100G ER4 QSFP28 1310nm 40km Transceiver

100GBASE-ER4 QSFP28 1310nm 40km LC Duplex DOM Optical Transceiver Module
P/N: QSFP28-ER4-100G \$1,760.00 USD Free Worldwide shipping on

10Gb/s 40km CWDM SFP+ ER Transceiver Module

This CWDM SFP+ ER transceiver module is designed for 10 Gigabit Ethernet links up to 40km over single-mode fiber. It features a highly reliable CWDM EML transmitter and PIN photo-detector into

100G ER4 Lite 40km QSFP28 | €508.62 | EDGE Optical Solutions

Standard 100GBASE-ER4 is available in CFP and CFP2 form factors with power consumption of 8-24 W. It reaches 40 km without requiring FEC. ER4 Lite was designed for the compact QSFP28 form

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+ ER SMF 1310nm 40km Transceiver Module

Buy 10Gb/s SFP+ ER SMF 1310nm 40km Optical Transceiver Manufacturer at Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

400G QSFP-DD ER4 40km Optical Transceivers | FiberMall

The 400G QSFP-DD ER4 optical module supports transmission distances up to 40KM via SMF via duplex LC connector. It complies with QSFP-DD MSA, IEEE 802.3bs protocol, and 400GAUI-8

Bulk Ethernet Cables: Cat5e, Cat6, Cat7 Bulk Cables

Buy Bulk Ethernet Cables - Cat5e, Cat6/6a, Cat7 cable 1000ft (UTP/SFTP, 305 metres, blue/yellow), multiple jacket colour of bulk cable available.

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP-40G-BD-RX The Cisco QSFP 40-Gbps BiDi monitor is a pluggable optical module for use with link monitor hardware, such as the Cisco Nexus ® Data Broker. Like the QSFP

Hilink Optics QSFP QSPDD OSFP 10G SFP transceiver, Optical

If you have any questions about Hilink Optics CWDM DWDM QSFP QSPDD OSFP 10G SFP transceivers,we will give the professional solutions to you.

10 Gbit/s SFP+ Optical Module

10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The wavelength of these 10 Gbit/s SFP+ optical modules can be

G657A2 at US\$22/km: Understanding the Optical Fiber

The shift from 400G to 800G optical modules has created insatiable demand for bend-insensitive single mode fiber that can handle dense cabling

EML vs VCSEL vs CW Laser: Optical Transceiver Guide (2025)

Compare EML, VCSEL, and CW laser technologies in optical transceivers. Covers cost, reach, speed, the 2025 EML shortage, and silicon photonics alternatives.

CBO SFP-10G-BX-D-40KM-BC-BO fiber SFP+ 10G | AiO.lv

Product information Description CBO SFP-10G-BX-D-40KM-BC-BO is a fiber-optic SFP+ transceiver module that supports up to 10 Gbit/s data rate and uses an LC duplex connector. Engineered for

10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

Get 10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver from ETU-Link Technology CO.,LTD,we supply excellent SFP+ 10G BiDi 70KM SFP Module. Long using life,high

LightCounting :: Demand for optical connectivity continues to surprise

If TSMC could ship more GPU than expected, the shortages for optical transceivers will stretch into 2027 and the market growth will exceed our forecast. Data on year-over-year growth in quarterly capex of

Cisco QSFP-DD Pluggable Open Line System (QDD OLS) Data Sheet

Learn more about the Cisco QSFP-DD Open Line System (QDD OLS), a pluggable optical amplifier module that provides a simple yet powerful open line system solution in a pluggable form

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Technical inquiry: <https://ensaa.es/contact.html>

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

