CIF Price Optical Switch QSFP28



Overview

In many cases, the biggest differences are not optical performance, but branding, EEPROM coding, warranty process, and vendor support structure.

Key Takeaways

QSFP28 modules typically range from $35 for short-reach third-party models to several thousand dollars for OEM long-reach modules, with CIF prices depending on shipping and insurance costs. Price RangesThird-party short-reach (SR4) modules: Around $35–$100 per module, offering 100G connectivity at a low cost. Mid-range modules (CWDM4, LR4, FR1, LR1): Typically $200–$600, widely available from multiple suppliers with competitive pricing.

Long-reach or ZR4 modules: Can reach $1,000–$3,000+, as optical components dominate the cost. OEM-branded modules (Cisco, Juniper, etc.): Often $800–$2,500 depending on model, warranty, and platform compatibility.

Factors Affecting CIF Pricing

Shipping and Freight: CIF includes the cost of the module, insurance, and freight to the destination port. For small modules, shipping is usually modest, but expedited or bulk shipments can increase costs. Insurance: Typically 0.

5–1% of the module value, depending on carrier and declared value. Module Type and Reach: Short-reach modules are cheaper, while long-reach (LR, ZR) modules are more expensive due to higher-quality optical components.

OE

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

M vs Third-Party: OEM modules include brand support, warranty, and verified compatibility, which increases cost. Third-party modules are cheaper but may require careful verification for platform compatibility. Power and Temperature Grade: Modules consuming 3.

5–4. 5W and rated for extended temperature ranges may have slightly higher costs.

Practical CIF Estimate

For a typical 100G QSFP28 module shipped internationally: Third-party SR4: CIF $40–$120Mid-range LR4/CWDM4: CIF $220–$650OEM LR4/ZR4: CIF $900–$3,200 These estimates include module cost, standard shipping, and insurance, but exact CIF pricing depends on the supplier, shipping method, and destination port.

Recommendation

For budget-conscious deployments, third-party SR4 or LR4 modules provide significant savings while maintaining 100G connectivity. For mission-critical networks, OEM modules ensure full compatibility, warranty, and support, which may justify the higher CIF cost. By considering these factors, buyers can plan procurement budgets and negotiate CIF pricing effectively.

Article Content

QSFP28 Price Guide 2026: 100G Transceiver Costs

In many cases, the biggest differences are not optical performance, but branding, EEPROM coding, warranty process, and vendor support structure.

QSFP28 Price

Cisco ONE Nexus 9K Fixed with 36p 100G QSFP28. Cisco ONE Nexus 9K Fixed with 56p 40G QSFP+ & 8p 100G QSFP28. Cisco ONE Nexus 9300 with 48p 10/25G SFP+ and 6p 100G QSFP28. Nexus

QSFP28 I Price

Cisco ONE Nexus 9K Fixed with 56p 40G QSFP+ & 8p 100G QSFP28. Cisco ONE Nexus 9300 with 48p 10/25G SFP+ and 6p 100G QSFP28. Nexus 9300 with 48p 10G BASE-T and

Armored Fiber Optic Cables

Get diverse armored fiber patch cables for stronger protection of the optical fibers and stable transmission to support fiber optic cabling in harsh environments.

QSFP28 Transceiver: Complete 100G Connectivity

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot

100G QSFP28 Optical Transceivers

QSFP28 BIDI 100G Single Fiber Optical Transceivers sometimes referred to as 100G BIDI, are available to network architects that seek to maximize their Long Range and Extended Range 100G Ethernet

100G QSFP28 Optical Transceivers | Transceiver Modules

Buy online compatible 100G QSFP28 transceivers at QSFPTEK for high-performance 100GbE connectivity. QT QSFP28 includes 100GBASE-SR4/LR4/ER4/ZR4, from 100m to 80km.

Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

The QSFP28 100G ZR can cost effectively extend 100G links to 80km on any fiber type, and is a cost-effective migration option of multiple 10G wavelengths to 100G.

QSFP28 optical transceivers | Smartoptics

Coherent 100G QSFP28 brings the performance benefits and extended reach of 400ZR technology to 100G under the 100ZR standard, making it a popular

QSFPTEK Transceiver Best Deals and Price List

QSFPTEK is a one-stop optical transceiver manufacturer and seller. We provide 1G to 400G optics with a vast selection of compatibility and models. Our compatible modules are affordable

Mellanox MMA1B00-C100D Compatible 100GBASE-SR4 QSFP28

Ideal for replacing the Mellanox MMA1B00-C100D, this compatible 100GBASE-SR4 QSFP28 transceiver works with a wide range of Mellanox 100G switches, servers and networking devices.

100G QSFP28 ER4 60KM LC Optical Transceiver (EML)

Get 100G QSFP28 ER4 60KM LC Optical Transceiver (EML) from ETU-Link Technology CO .,LTD,we supply excellent QSFP-eER4-100G 60km. Long using life,high performance,wholesale at factory price!

100G QSFP28 ER4 40KM LC Optical Transceiver (EML)

Get 100G QSFP28 ER4 40KM LC Optical Transceiver (EML) from ETU-Link Technology CO .,LTD,we supply excellent Long reach 100G ER4 QSFP28 Fiber Optical Module. Long using life,high

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Each QSFP28 optical module typically consumes around 3.5W–4.5W depending on reach, temperature grade, and optical design. A 32-port switch fully populated with QSFP28 optics

InfiniBand/fibre optic cable BlueOptics GPDZA6G-BO | AiO.lv

Short description The BlueOptics GPDZA6G-BO is a 2 m AOC InfiniBand/fibre optic cable featuring QSFP28 connectors on both ends. This cable provides high-speed data transmission with low

QSFPTEK 100Gbase-LR4 QSFP28 Transceiver, 100Gb

100G Ethernet Module: 100G Gigabit Singlemode optical transceiver compatible for Cisco QSFP-100G-LR4-S, Palo Alto Networks PAN-100G

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP?

QSFP28 modules are capable of transmitting data at 100 Gbit/s, and QSFP28 DAC/AOC cables can operate at 4x 25 Gbit/s or 2x 50 Gbit/s. Note that generally, QSFP28 modules cannot

Armored Fiber Optic Cables

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres,

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

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

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved