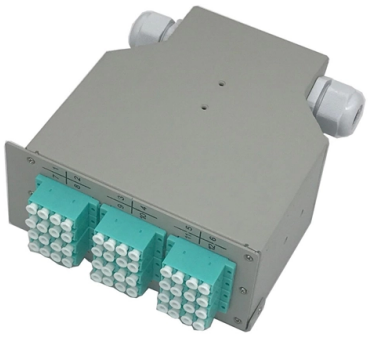
QSFP optical module QSFP FOB price



Overview

40G QSFP+ Transceiver Modules | Optical Transceivers FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80k.

Key Takeaways

QSFP optical module prices vary widely by type, speed, and vendor, ranging from under $200 for short-reach 40G modules to over $130,000 for high-end 400G/800G long-haul modules. Price Ranges by Module Type40G QSFP+: Short-reach modules (up to 150m) are typically the most affordable, often priced under a few hundred dollars per module from third-party vendors, while longer-reach modules (up to 80km) cost more depending on optical technology and vendor. 100G QSFP28: Prices depend on engineering, production, and business factors.

Third-party modules can be significantly cheaper than OEMs, with costs influenced by design verification, reliability testing, and production overhead. 400G QSFP-DD: Short-reach SR8 modules for in-rack connections cost $1,400–$1,800 from reputable third-party vendors, while long-haul coherent ZR+ modules can exceed $130,000 from OEMs. DR4 and FR4 modules fall in between, offering moderate pricing for cross-row or campus links.

800G QSFP-DD: Pricing is still stabilizing. Third-party modules are generally 60–70% of OEM list prices, with OEM modules preferred for critical workloads due to firmware and DOM compatibility.



© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Factors Affecting QSFP FOB Pricing

Transmission Distance and Type: Short-reach modules (SR) are cheaper, while long-haul (LR, ZR, ZR+) modules are significantly more expensive. Vendor Type: OEM modules are costlier, whereas third-party vendors like QSFPTEK offer up to 90% savings compared to OEMs without compromising quality. Module Speed and Generation: Higher-speed modules (400G, 800G) and newer generations (QSFP-DD, QSFP56) command higher prices.

Volume and Procurement Strategy: Bulk purchases and established vendor relationships can reduce FOB costs. Additional Features: Digital Optical Monitoring (DOM), firmware compatibility, and testing certifications (CE, FCC, RoHS, ISO9001) can influence pricing.

Summary

For budgeting purposes, short-reach 40G–100G modules can be acquired for a few hundred dollars per unit, 400G SR8 modules cost around $1,400–$1,800, and high-end 400G/800G long-haul modules can reach six figures. Third-party vendors provide substantial cost savings while maintaining compatibility and quality, making them a viable option for most data center deployments. When planning purchases, consider module type, reach, vendor, and volume to estimate FOB costs accurately.

Article Content

40G QSFP+ Transceiver Modules | Optical Transceivers

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing and data center applications.

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

100G QSFP28 Transceiver Modules | Optical

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

QSFP Transceiver Modules | 40G, 100G, 400G QSFP+, QSFP28

Shop a complete range of reliable QSFP transceiver modules. Find compatible QSFP+, QSFP28, and QSFP-DD optics for data rates from 40G to 400G and beyond. Engineered for data centers and

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

The price of a QSFP28 module depends on the module type, reach, coding, temperature grade, warranty, order quantity, and supplier. Compatible QSFP28 SR4 modules can start around $35.

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

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical support & wholesale pricing.

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP

Deploy software configurable line rates and modulation schemes for long-reach amplified DWDM systems or dark fiber systems. Support line rates up to 400 Gbps over a single-fiber bidirectional

Fiber Optic Transceiver Modules | Optoelectronics | DigiKey

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

100GBASE QSFP-100G Modules Data Sheet

QSFP-100G Optical modules Features and benefits of Cisco QSFP modules Hot-swappable input/output device that plugs into a 100G Gigabit

HTF DWDM equipment,OTN Solution,QSFP28 OSFP

OCS OCS Optical AI and Data Center Networking 200G QSFP-DD/QSFP56 400G QSFP-DD/OSFP/QSFP112 800G QSFP-DD/OSFP 1.6T OSFP-XD

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

Cisco 40GBASE QSFP Modules Data Sheet

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

QSFP-40G-SR4-S does not support FCoE. Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and 150 meters, respectively, on laser

Wholesale Fiber-optic Modules from Manufacturers, Fiber-optic Modules ...

Dive into our online wholesale fiber-optic modules products catalog on globalsources ! Source over 614 fiber-optic modules for sale from manufacturers with factory direct prices, high quality & fast

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module format used for

100G QSFP28 ER4 30KM LC Optical Transceiver (EML)

Get 100G QSFP28 ER4 30KM LC Optical Transceiver (EML) from ETU-Link Technology CO .,LTD,we supply excellent 100G QSFP28 ER4 DOM Digital Diagnostic Module Transceiver. Long using

Lightrend

Lightrend Tech Limited, founded in 2020 and located in Wuhan,Optics Valley of China, Lightrend is a manufacturer that specializes in the Reserch, design, production and sales of optical transceiver

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