

Ukrainian 40G optical transceiver module



Overview

The QSFP+ optical module is specifically designed for 40GBASE Ethernet, supporting a throughput of up to 10km over single-mode fiber (SMF) with a wavelength of 1310nm through duplex LC connectors. This transceiver conforms to the QSFP+ MSA, IEEE 802.3ba 40GBASE-LR4, and OTU3. 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. This QSFP+ module provides high speed, low latency, and reliable optic connection for service distribution within a. Amphenol provides a series of 40G QSFP+ optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series. Engineered for reliability and scalability, these transceivers ensure efficient and seamless communication across various network infrastructures.



Article Content

40Gb/s QSFP+ Transceiver | Optical Interconnect

Amphenol provides a series of 40G QSFP+ optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series.

QSFP+ 40G Optical Transceivers, 40G Fiber Optic Transceiver

40G QSFP+ BIDI optical transceiver module is a pluggable optical transceiver with a duplex LC connector interface for short-reach data communication and interconnect applications using Multi

QSFP+ 40G ZR4 Optical Transceiver Module 80km

Asterfusion 40G QSFP+ ZR4 optical transceiver modules support 40GBASE-ZR4 Ethernet. QSFP+ 40G 80km optical modules are designed for Ethernet,

40G Optical Transceivers and Cables Portfolio | FS

40GBASE Optical Transceivers and Cables Portfolio Product Overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet

40G QSFP Modules-Optical Transceivers

The QSFP+ optical module is specifically designed for 40GBASE Ethernet, supporting a throughput of up to 10km over single-mode fiber (SMF) with a wavelength of 1310nm through duplex LC connectors.

AI Drives Doubling of 800G Optical Transceiver Shipments in 2025

Furthermore, driven by escalating demands from AI technology, shipments of 800G optical transceivers are projected to grow by 100% year-over-year in 2025. The market will also see the initial shipments

Juniper JNP-QSFPP-40GBASE-ER4

The Juniper JNP-QSFPP-40GBASE-ER4 Transceiver Module is a high-performance optical transceiver designed for long-range 40G Ethernet connectivity in enterprise, cloud, and data center networking

Arista Optics Modules and Cables

SFP+ Optical interoperability with 10GbE XFP, X2 and XENPAK pluggable form factors QSFP+ Universal transceiver for 40G operations over duplex multi-mode and single-mode fiber.

SFP Module Prices Comparison by Top 5 SFP

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First, pick up the most relevant optical transceiver

Optical Transceivers | High-Speed Fiber Modules up to 800G

Optical transceivers, also known as fiber optic transceiver modules, are key components that enable high-speed data transmission in fiber optic networks by converting electrical signals into optical

FS QSFP-ER4-40G 40GBASE-ER4 40G QSFP

FS QSFP-ER4-40G Compatible 40GBASE-ER4 QSFP+ Optical Transceiver Module (SMF, 1310nm, 40km, LC, DOM) The QSFP+ module is designed for use in

QSFP-40G-LR4 40Gbps QSFP+ Transceiver, SM,

The QSFP+ LR4 transceivers are high performance, cost effective modules supporting data rate of 40Gbps and 10km transmission distance with SMF.

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

1) What Transceiver Form Factors Mean (2026) SFP-family and QSFP-family transceivers are hot-pluggable modules that convert electrical

Optical Transceivers

40G and 100G optical transceivers provide continued support for established data center and enterprise network deployments. These modules maintain seamless

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.

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

Optical Transceiver Companies

Cisco Systems, Inc. offers optical transceiver modules used in various networking applications, ranging from campus to data centers to service provider networks. Its pluggable optics innovation,

100GBASE QSFP-100G Modules Data Sheet

Product overview The Cisco 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high-density and

Wholesale Optical Transceivers Module | 100G

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

[40G QSFP+ Optical Transceiver Module \(id:11667944\) Product details ...](#)

[40G QSFP+ Optical Transceiver Module \(id:11667944\), View quality 40G QSFP+, OPTICAL TRANSCEIVER, SFP MODULE details from III-V Technology Shenzhen Co., Ltd storefront on](#)

[Optical Transceivers | Fiber Optic Transceivers | Form](#)

Using fiber optic technology, it converts electrical signals from switches or routers into optical signals, transmitted as pulses of light, enabling

[QSFP-40G-ER4 Compatible 40G QSFP+ Transceiver 1310NM 40KM](#)

[QSFP-40G-ER4 Compatible 40G QSFP+ Transceiver 1310NM 40KM DOM Dual LC](#)
Product Description Gezhi QSFP+-40G-ER4 is designed for data center and Enterprise wide-area interconnection. This

[AOC, DAC, Fiber Optic Transceivers | One-Stop Shop](#)

[800G/400G OSFP-DD Transceivers 400G/200G Transceivers 100G/40G Transceivers 25G/10G/1.25G Transceivers 100G/25G DAC SAS NIC](#)

[What is QSFP & QSFP+ Transceiver: An Ultimate Guide](#)

QSFP, Quad Small Form Factor Pluggable, typically 40G transceiver for data center and telecom applications. Check guide for everything about it.

[JTOPTICS 40G Transceivers | High-Performance 40G Solutions](#)

40G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks, and telecom applications. Engineered for reliability and scalability,

[Optical Transceiver vs. Fiber Optic Module: What's the Difference ...](#)

Fiber optic / optical module — a broader term. In many vendors' usage an “optical module” is an optical transceiver used in a pluggable format (a “module”), but in other contexts a module can be a larger,

[QSFP-40G-UNIV Compatible 40GBASE-UNIV QSFP+ 1310nm 2km](#)

Product description Fiber Optic Receivers QSFP-40G-UNIV Compatible 40GBASE-UNIV QSFP+ Optical Transceiver Module (SMF/MMF, 1310nm, 150m/2km, LC, DOM) The QSFP+ module

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.tooltechnologyapplication.com.pl>

Email: info@tooltechnologyapplication.com.pl

Phone: +49 69 3527 4819

Address: Neue Mainzer Straße 66, 60311 Frankfurt, Germany

This document is for informational purposes only. Specifications subject to change without notice.

