

Certified QSFP28 optical module 40G



Overview

Our 40G/100G SWDM4 QSFP28 multi-rate transceiver enables flexible multimode connectivity with extended reach. Supporting 440m over OM5 multimode fiber at 40G and 150m at 100G using 4 wavelengths (850/880/910/940nm), this module delivers 2. The Cisco ® 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance computing 00networks, enterprise core and distribution layers, and service provider. The 10Gtek' s 40G/100G QSFP28 SWDM4 transceiver modules are designed for use in 40G/100G Ethernet links over duplex multimode fiber. Four channels/lanes in the 850-940nm region @10.78Gbps to transport the Ethernet signal. Digital diagnostics functions are available via an I2C. The QSFP transceiver modules (Quad Small Form-factor Pluggable) represent a versatile and high-density family of optical transceivers. They are specifically engineered for high-performance data communication applications.



Article Content

Cisco 40GBASE QSFP Modules Data Sheet

QSFP-40G-SR4-S is aligned to IEEE 40GBASE-SR4 optical specifications which support high-bandwidth 40G optical links over 12-fiber parallel fiber terminated with MPO/MTP multifiber

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

16G/25G/40G Optical Transceiver Modules

QSFPTEK offers 25G/40G transceivers with SFP28 and QSFP form factors, enabling cost-effective, high-density, and low-power 25G/40G Ethernet connectivity solutions for data center, distribution

Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

Modern optical transport networks are the nervous system of digital infrastructure. As data demand continues to multiply, choosing the right optical module becomes a crucial decision in

What Is an SFP Module and How to Choose It? (2026 Updated)

□□ Conclusion An SFP module is the building block of scalable and adaptable optical networking. Whether you're dealing with 1G Ethernet or exploring 100G QSFP28 options,

Optical transceiver module 10G SFP+ ER for Data-center Ethernet

China Optical transceiver module 10G SFP+ ER for Data-center Ethernet High Performance, Find details about China Optical Transceiver Module from Optical transceiver module 10G SFP+ ER for Data

Huawei QSFP28 100G CWDM4 Optical Transceiver Accelerates High

Huawei QSFP28 100G CWDM4 optical transceiver modules are becoming an essential solution for enterprises, cloud providers, telecom operators, and hyperscale data centers seeking

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

In the data center, various types of optic module transceiver are seen everywhere, such as SFP, SFP+, XFP, SFP28, QSFP/QSFP+, CFP and QSFP28. However, for those who get in touch

QSFP-DD Optical Module Wiki

Q: What are the advantages and disadvantages of using OSFP or QSFP-DD optical modules? A: QSFP-DD is based on the QSFP size with an extra row of electrical pins. This makes it

Cisco Compatible QSFP-100G-SR1.2 Transceiver Accelerates Cost

The Cisco Compatible QSFP-100G-SR1.2 is a high-speed BiDi QSFP28 optical transceiver specifically engineered for short-range 100 Gigabit Ethernet interconnect applications operating over

Top Optical Transceiver Modules for Data Center Applications

Explore the best optical transceiver modules for modern data centers, including SFP+, QSFP28, QSFP-DD, and OSFP. Learn how to select the right module for speed, distance, and

13 SFP Module Manufacturers in 2026

This section provides an overview for sfp modules as well as their applications and principles. Also, please take a look at the list of 13 sfp module manufacturers and

Spec Sheet

Regional Availability - Global Siemon 100G QSFP28 Active Optical Cable (AOC) assemblies offer a highly reliable and cost-effective alternative to transceiver assemblies available in lengths ranging

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

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen. Huawei Technologies Co.,

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