

Korea QSFP28 optical module 40G



Overview

This BiDirectional (BDSR) optical module transmits 40Gbps over a single pair of standard multimode fiber via a Duplex LC interface. Eliminating the need for expensive MPO cable upgrades, it provides an instant, plug-and-play 10G-to-40G migration path for distances up to 100m or 150m. WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments. Leveraging advanced 1x50G PAM4 DSP technology and robust industrial thermal designs, our Wuhan facility delivers. As bandwidth demands increased, QSFP+ modules were introduced to support 40G networking by combining four 10G channels into a single module. Click to get your 40G QSFP+ transceiver modules from nearby warehouses. QSFP28 (Quad Small Form-Factor Pluggable 28) enables 100G transmission by aggregating four parallel 25G electrical lanes, delivering an optimal. FiberMall offers 25G SFP28/40G QSFP+/100G QSFP28 Transceiver Modules designed with form factor, optical/electrical connection, and digital diagnostic interface. Browse optical transceivers from Pivotal Optics including SFP, SFP28, QSFP28 & QSFP-DD modules.



Article Content

Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD. It explains their technical differences,

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

Customized 40/100GBASE-SWDM4 BiDi QSFP28

Customized 40/100GBASE-SWDM4 QSFP28 Optical Transceiver Module (850nm & 900nm MMF 100m LC DDM) The Customized 40G/100G QSFP28 BIDI

25G/40G/50G/100G Optical Transceiver Modules | FiberMall

FiberMall offers 25G SFP28/40G QSFP+/100G QSFP28 Transceiver Modules designed with form factor, optical/electrical connection, and digital diagnostic interface.

Custom 50G QSFP28 Optic Transceiver | Long-Haul Reach | WolonFiber

Deploy unamplified 50G links over single-mode fiber. Our Custom 50G QSFP28 modules provide robust performance for legacy switch upgrades.

40Gbps QSFP+ Optical Modules

40Gbps QSFP+ Optical Modules QSFP-40G-LR4 QSFP-40G-SDLC-PAM QSFP-40G-SR-BD (02311FPA) QSFP-40G-eSR4 QSFP-40G-iSR4 QSFP-40G-LX4 QSFP-40G-ER4 QSFP-40G-LR4

Custom 100G QSFP28 SRBD Module | Duplex LC MMF

Seamless 10G/40G Replacement: Matches the exact physical interface of older 10G SR or 40G BiDi networks, enabling a literal plug-and-play bandwidth upgrade without touching the structured cabling.

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

40G QSFP+ Transceiver Modules | Optical

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

What is QSFP & QSFP+ Transceiver: An Ultimate

The critical difference is the supported data speed. As its name suggests, QSFP28 supports 4x25G or 4x28G data rates, while the QSFP+ only

Cisco 40GBASE QSFP Modules Data Sheet

This module can be used for native 40G optical links over 12-fiber ribbon cables with MPO/MTP connectors or in 4x10G mode with parallel-to-duplex fiber breakout cables for connectivity

Optical Transceiver Pricing: Cost Ranges by Speed and Type

100 Gb/s QSFP28 (100G) Optical transceiver 100G pricing is the most variable: short-reach MMF OEM-compatible modules can be relatively affordable, while single-lambda 100G (DR/FR/DR4) or

40G and 100G Compatible Rate QSFP28 SWDM4

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

What Is QSFP28? A Clear Explanation of 100G Transceivers

Compared with legacy 40G QSFP+ modules, QSFP28 provides 2.5× higher throughput within the same physical footprint, making it the dominant choice for spine-leaf data centers, cloud infrastructure, and

Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments.

Optical Transceiver Pricing: Cost Ranges by Speed

WOLON manufactures a broad optical module lineup (SFP, SFP+, SFP28, QSFP/QSFP28) designed to deliver competitive pricing while meeting industry

Optical Module Package Market 2025

China dominates production, with key players like Huawei and Accelink supplying cost-competitive SFP and QSFP28 modules for domestic and export markets. Japan and South Korea focus on advanced

Price QSFP28 optical module 10G online manufacture

QSFP-40G-SR-BD Overview The Juniper QSFP-100G-ER4L is a high-performance 100GBASE-ER4-Lite QSFP28 pluggable module designed exclusively to support Ethernet rates.

SFP Module Prices Comparison by Top 5 SFP

SFP modules have been in large demand in data centers with the continuous development of optical communication. Also, the SFP module type

Optical Transceiver Pricing: Cost Ranges by Speed and Type

40G QSFP + modules for MMF SR4 links are among the most cost-efficient high-speed options; compatible 40G SR4 MPO modules can be found at modest prices. LR4 or specialized packaged

Pluggable Optical Module Market Research Report 2034

The pluggable optical module market was valued at \$9.8 billion in 2025 and is projected to reach \$26.4 billion by 2034, growing at a CAGR of 11.6%.

Optical Module Encapsulation Types

QSFP+/QSFP28 Optical Module A quad small form-factor pluggable plus (QSFP+) optical module uses the LC/MPO optical port and supports data rates up to 40 Gbit/s. It features low power consumption,

Sfp Module QSFP28 100G 1310nm 10km Transceiver Data Center Optic Module ...

Warranty Time 3 Years Product name SFP Module Type Fiber Optic Transceivers
Connector Type LC / SC / MPO Max Data Rate 155M 1.25G 10G 25G 40G 100G 400G
Single package size 10X5X2 cm

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

Browse optical transceivers from Pivotal Optics including SFP, SFP28, QSFP28 & QSFP-DD modules. 1G to 400G solutions for data centers & networks. Shop now!

Walsun 100G QSFP28 Full Range BIDI Solution

Walsun 100G QSFP28 BIDI series optical module products 100G QSFP28 SR BIDI module, targeting short-distance applications in enterprise

Contact Us

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