

Retail optical module 40G



Overview

The 40GBASE ER4 QSFP+ 1310nm 40km DOM Duplex LC/UPC SMF Optical Transceiver Module is engineered for high-performance, long-distance data transmission, offering 40 Gbps data rates over a reach of up to 40 kilometers. Click to get your 40G QSFP+ transceiver modules from nearby warehouses. With data transmission speeds of up to 40 Gbps, these compact modules are ideal for data center deployments and high-speed applications. QSFP+ modules are compatible with various technologies, including Ethernet, InfiniBand and. 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. An Optical Transceiver is a critical optoelectronic component that facilitates seamless electro-optical (E-O) and photo-electric (O-E) conversion within fiber-optic networks. Unitekfiber, a global optical transceiver wholesaler, provides a comprehensive portfolio of MSA-compliant. Introduction of different types of 40G QSFP+ optical transceivers 40GBASE SR4 QSFP+ complies with the 802. 2 (40GBASE-SR4) standard and can be used with MPO/MTP optical connectors to achieve 40Gbps optical signal connections.

Article Content

AOC, DAC, Fiber Optic Transceivers | One-Stop Shop

Fiber Optical Cable OM3 Duplex OM5 Duplex OS2 Simplex MPO-MPO Extension QSA (40G/100G) SFP+/QSFP Extension Loopback SFP+/SFP28 Loopback

Optical Transceiver Pricing: Cost Ranges by Speed

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

Choosing the Right 40G Optical Module for Your

Conclusion Choosing the right 40G optical module is about aligning with your network's specific needs, whether it's distance, compatibility, or cost.

What 40G QSFP+ Optical Module, DAC, AOC is Best

40G QSFP+ optical modules include SR4, LR4, LR4 PSM, 40G AOC and DAC are all the Internet interconnect solutions for 40GBASE Ethernet.

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. Click to get

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

Telecom Optical Module Market Research Report 2033

The Telecom Optical Module market was valued at \$24.8 billion in 2025 and is projected to reach \$47.3 billion by 2033, growing at 8.4% CAGR.

Fiber Optic Transceiver 40G QSFP+ Single Mode Optic

Fiber Optic Transceiver 40G QSFP+ Single Mode Optic Module ER4 40km 1310nm Wavelength LC A 40G transceiver module is an optical that

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,

40GBASE ER4 QSFP+ Transceiver | 40G DWDM, 40km LC Optical

Discover 40GBASE ER4 QSFP+ transceivers, 40G DWDM, and LC transceivers. Ideal for high-performance networking with 40km reach and advanced 40G connectivity.

6 Common 40G QSFP+ Optical Module Models

6, 40G ER4 QSFP + optical module: the center wavelength of 1271nm, 1291nm, 1311nm, 1331nm, duplex LC interface, single mode, support for DDM, the operating temperature of 0 ° C ~ 70

40G QSFP+ Transceiver Modules | SR4, LR4, ER4 & Breakout Optics

Shop a wide range of 40G QSFP+ optical modules, including 40GBASE-SR4, LR4, and ER4. Our QSFP+ transceivers support 4x10G breakout mode for high-density 10G deployments. Ideal for data

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,

QSFP+ 40G

With data transmission speeds of up to 40 Gbps, these compact modules are ideal for data center deployments and high-speed applications. QSFP+ modules are compatible with various

40G QSFP Modules-Optical Transceivers

QSFP 40G LR4 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

40G QSFP+ Optical Transceiver Modules | FiberMall

The module converts 4 input channels of 10Gb/s electrical data to 4 CWDM optical signals and multiplexes them into a single channel for 40Gb/s optical transmission.

40G QSFP+ Optical Transceivers Complete Guide

How 40G QSFP+ optical transceivers boost performance in data centers and telecom networks. Learn about types, use cases, and cost-saving benefits.

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

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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+ Optical Transceiver Modules | Solid Optics

40G QSFP+ optical transceivers available in multimode (100m & 300m) and single mode options (2km, 10km, 40km) and DAC cables, with a Lifetime Warranty.

Lot of 6 FS QSFP-SR4-40G 40G QSFP+ Optical Transceiver Modules

Lot of 6 x Brand New FS QSFP-SR4-40G QSFP+ Optical Transceiver Modules. Designed for high-speed 40Gb Ethernet connectivity in enterprise networks, switches, servers, and data center

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

40G Transceivers Modules

40G transceiver modules at skywardtel satisfy the requirements for data center and 40G Ethernet applications. These 40G QSFP+ modules can guarantee high-density, cost-effective and low-power

40G QSFP+ Transceivers | High-Speed 40 Gigabit Optical Modules

Designed for high-bandwidth, low-latency connectivity, QSFP+ modules support 40 Gigabit Ethernet and InfiniBand applications across data centers, enterprise networks, and service provider environments.

QSFP-40G-LR4: QSFP+ 40G LR4 Optical Module

Explore the QSFP-40G-LR4 a 40G LR4 single-mode module with CWDM for 10Km extension. Cisco compatible - buy now for high-bandwidth networks!

QSFP+ 40G LR4 Explained: Your Ultimate Guide to

This guide will demystify the 40G LR4 QSFP+, exploring its technology, advantages, and how to select the best one for your infrastructure.

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

Contact Us

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