

Active optical modules QSFP available in stock



AI Overview

QSFP modules, including 40G QSFP+, 100G QSFP28, and 400G QSFP-DD, are available from multiple suppliers with immediate stock and fast shipping options.

Available QSFP Modules

- 40G QSFP+:** Suitable for high-density switching, routing, and data center applications, with reach from 150 meters to 80 km depending on the module type, available from FS and Unitek fiber warehouses for quick delivery.
- 100G QSFP28:** Active Optical Cables (AOCs) and transceivers support 100G Ethernet, Infiniband EDR, and 128GFC Fibre Channel protocols, with distances up to 100 meters over multimode fiber. These modules are plug-and-play, cost-efficient, and compatible with QSFP28 ports.
- QSFP-DD / 400G:** Next-generation high-speed modules for AI clusters and data centers, supporting up to 400G aggregate bandwidth. QSFP-DD AOCs provide backward compatibility with existing QSFP ports and support high-density deployments.

Key Features

- Plug-and-Play:** Most QSFP modules and AOCs are self-contained and require no additional configuration.
- High Performance:** Data rates up to 28.05 Gb/s per channel for QSFP28 and up to 25.78125 Gb/s per lane for QSFP-DD AOCs.
- Transmission Distance:** Supports up to 100 meters over parallel multimode fiber for 100G QSFP28 AOCs, and up to 200G aggregate bandwidth for QSFP-DD modules.
- Compatibility:** MSA-compliant modules ensure interoperability with major OEM hardware, including switches, servers, and HBAs.
- Low Power Consumption:** Many modules consume minimal power, making them suitable for high-density data center environments.

Suppliers with Stock

- BlueOptics:** Offers QSFP-DD, QSFP28, and SFP28 modules with fast shipping until 16:00 for same-day dispatch.
- FS:** Provides 40G QSFP+ modules with nearby warehouse availability and 30-day free returns.
- Cables on Demand:** Supplies QSFP+...

Article Content

QSFP+ 40G 10m AOC Cable

Buy QSFP+ 40G active optical cable (10m) for short-distance data center connectivity. Supports 40G/10G speeds, OM3 fiber, and works with Cisco,

100G QSFP28 Transceivers | SR4, LR4, ZR4, BiDi | EDGE Optical

Modules are available for Ethernet (103.125 Gbps) and Optical Channel Transport Unit (OTU4) (112Gbps) applications with a wavelength of Tx/Rx 1310nm, also an industrial version with an

QSFP+/QSFP28 Loopback Modules

Our QSFP+ / QSFP28 Loopbacks are self-contained, plug-and-play devices; offering compatibility with QSFP+/QSFP28 ports on any brand of network switch, server

Fiber Optic Transceiver Modules | Optoelectronics

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

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and 150 meters, respectively, on laser-optimized OM3, and OM4/OM5 multimode fibers. It primarily

Bulk Ethernet Cables: Cat5e, Cat6, Cat7 Bulk Cables

Buy Bulk Ethernet Cables - Cat5e, Cat6/6a, Cat7 cable 1000ft (UTP/SFTP, 305 metres, blue/yellow), multiple jacket colour of bulk cable available.

Spec Sheet

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

40G QSFP+ Optical Transceivers | Transceiver Modules

Cisco QSFP-40G-LR4 Compatible 40GBASE-LR4 QSFP+ Optical Transceiver Module (SMF, 1310nm, 10km, LC, DDM) Cisco QSFP-40G-LR4 Compatible QSFP+ optical transceiver modules from

QSFP+ (40G) Active Optical Cable (AOC) -Generic

QSFP+ active optic cables are a high performance, low power consumption, long reach interconnect solution supporting 40G Ethernet, fiber channel and PCIe. It

QSPTEK Online Store for Optical Transceivers

The official store for QSFPTEK. We provide compatible optical modules with online shopping function.

[QSFP28 Active Optical Cable | Optical Interconnect](#)

Amphenol's 100G QSFP28 to QSFP28 Active Optical Cable assemblies are a reliable, cost and power efficient, integrated solution which is

[QSFP+/QSFP28 Loopback Modules](#)

QSFP+/QSFP28 Loopback Modules Amphenol's Leading Portfolio of 40G QSFP+ Loopback Adapter Modules and 100G QSFP28 Loopback Adapter Modules are

[Active Optical Cable Assemblies](#)

TE Connectivity's SFP, QSFP, QSFP-DD, and OSFP Active Optical Cable Assemblies provide improved cable flexibility and longer reach than passive and active copper solutions.

[40G QSFP+ Transceiver Modules | Optical Transceivers](#)

Click to get your 40G QSFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

[All About QSFP Cables, Connectors, and More](#)

QSFP interconnects include direct attach copper (DAC), active optical cables (AOC), optical modules, and active copper cables (ACC). DACs are the

[100Gb/s QSFP28 Active Optical Cables](#)

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or

[SFP, QSFP, QSFP-DD, OSFP Active Optical Cable Assemblies](#)

SFP, QSFP, QSFP-DD, OSFP ACTIVE OPTICAL CABLE ASSEMBLIES Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both

[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

[200G QSFP DD Active Optical Cable \(AOC\)](#)

Amphenol QSFP DD to QSFP DD 200G Active Optical Cable assemblies increase the number of lanes from 4 to 8 and double the port density

[40G Direct Attach Cables & Active Optical Cables](#)

BlueOptics offers premium 40G Active Optical Cables (AOC) and Direct Attach Copper (DAC) cables specifically designed for QSFP (Quad Small Form-Factor Pluggable) form factors.

In-Depth Guide to 40G QSFP+ Optical Modules, DAC,

40G optical modules are increasingly widely used in data centers. 40G optical modules can reach up to 40Gbps to help data centers relieve operational

Microsoft Word

Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP+ Module supports link lengths of 100m and 150m respectively on laser-optimized OM3 and OM4 multimode fiber cables. It primarily enables high

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

QSFP28 Optical Transceiver Modules for Sale (100G) | Cables on

QSFP28 Optical Transceiver Modules (100G-SR/LR) Buy 100G QSFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct at Cables on Demand in 100GBASE-SR4 (Short-Range

40G QSFP+ Modules: Specs, Types & Selection Guide

40G QSFP+ modules are hot-swappable, quad-lane transceivers that deliver 40 Gbps by combining four 10.3125 Gbps electrical/optical lanes — the form factor and lane mapping are defined in the

40G QSFP+ Optical Transceiver Modules | FiberMall

Introduction of different types of 40G QSFP+ optical transceivers. 40GBASE SR4 QSFP+ complies with the 802.3ba D3.2 (40GBASE-SR4) standard and can be used with MPO/MTP optical connectors to

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.

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP to QSFP active optical cables Cisco QSFP to QSFP copper direct-attach 40GBASE-CR4 cables (Figure 5) are suitable for very short

The Ultimate Guide to Cisco QSFP Optical Transceiver

Efficient and consistent data transmission is significant in the rapidly changing technological environment. Without a doubt, in high-speed networking

QSFP28 Transceiver: Complete 100G Connectivity

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot

Contact Us

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