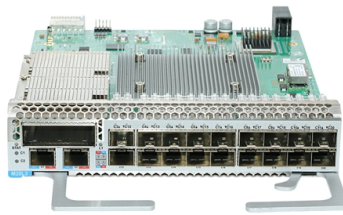


Manufacturer provides QSFP active optical modules



AI Overview

Leading manufacturers of QSFP active optical modules include Cisco, WolonFiber, FS, Unitekfiber, and Amphenol, offering 40G, 100G, 200G, and 400G solutions for data centers and enterprise networks. Cisco provides a wide range of 100G QSFP modules, including SR4, SL4, and Bi-Directional (BiDi) transceivers. These modules are hot-swappable, IEEE-compliant, and tested for high performance and reliability. Cisco QSFP modules support multimode fiber links up to 150 meters and can be used for 400G breakout applications. They are compatible with Cisco QSFP ports and other IEEE-compliant 100GBASE interfaces, making them suitable for high-bandwidth Ethernet deployments in enterprise and data center environments.

WolonFiber manufactures MSA-compliant 100G QSFP28, 200G QSFP56, QSFP-DD, and CFP2 optical modules. Their products are optimized for ultra-dense Spine-Leaf topologies and long-haul transport. WolonFiber modules leverage PAM4 modulation and low-power DSP technology, ensuring carrier-grade performance. They offer OEM and ODM services, including factory direct customization, thermal stress testing, and live verification for seamless integration with Cisco, Arista, Mellanox (NVIDIA), Juniper, and white-box switches. FS (Fiberstore) offers 40G QSFP+ transceiver modules with reach ranging from 150 meters to 80 kilometers. These modules are designed for high-density switching, routing, and data center applications, providing flexibility for both short-reach and long-reach optical links.

Unitekfiber is a global optical transceiver wholesaler providing a comprehensive portfolio of MSA-compliant transceivers, including 10G SFP+, 40G QSFP+, 100G QSFP28, 200G QSFP-DD/QSFP56, and 400G QSFP-DD modules. Their modules are engineered for low latency, high reliability, and full compatibility with...

Article Content

QSFP+ Optical Transceiver, 40G QSFP+ transceiver | high

QSFP+ Optical Transceiver is an evolution of QSFP to support four 10 Gbit/sec channels carrying 10 Gigabit Ethernet, 10GFC Fiber Channel, or QDR InfiniBand. The 4 channels can also be combined

Understanding Pluggable Optical Modules

A QSFP-DD optical module is a high-speed pluggable optical module defined by QSFP-DD MSA. CXP: hot-pluggable high-density parallel optics transceiver form factor, which provides 12 channels of

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.

40G QSFP+ TRANSCEIVERS | Smartoptics

QSFP+ is a cost-efficient solution for 40G Ethernet that is popular for breakout to maximize fiber utilization. QSFP+ (Quad Small Form-factor Pluggable Plus) is a compact, hot-pluggable transceiver

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP to four SFP+ active optical breakout cables (Figure 4) are suitable for very short distances and offer a flexible way to connect within racks and across adjacent racks.

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 their company rankings.

40G QSFP+ Optical Transceiver Modules: Frequently Asked

40G QSFP+ optical transceiver modules FAQs cover features, compatibility, applications, performance, and maintenance tips for efficient and reliable network deployment.

QSFP+ optics and Cables

Active Optical Cables (AOC) QSFP+ to QSFP+ CablesActive Optical Cables are made for data transmission over copper cables. These cables contain four data lanes in each direction with a total

400G QSFP-DD Cable and Transceiver Modules Data Sheet

It provide 400Gb/s of optical bandwidth over a single optical wavelength using coherent, Dual Polarization-16QAM modulation. This transceiver is compliant with OIF 400ZR and QSFP-DD MSA

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

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

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

40Gb/s QSFP+ Active Optical Cables

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

QSFP+ Active Optical Cables

Molex's low-power AOC integrated cable solutions provide less expensive, reliable transport for aggregated data rates up to 40 Gbps. The AOCs offer customers the flexibility of traditional optical

What is QSFP Optical Module? Uses, How It Works & Top ...

At its core, the QSFP optical module converts electrical signals into optical signals for transmission and vice versa. This conversion is achieved through integrated laser diodes and...

QSFP, QSFP+, SFP, SFP+ transceiver modules and DAC, AOC cables

QSFPS is a professional manufacturer and web-base direct sales company focused on optical interconnect products including optical transceivers, fiber optic cables and accessories. Relying on

Optical Module Manufacturer & Supplier | Fibertop

Scale your network with FIBERTOP, a leading optical module manufacturer for 15 years. From standard 10G/25G to next-gen 400G and 800G transceivers, we deliver premium quality. Request a quote now!

Arista 100G Transceivers and Cables: Q& A

Arista's 100G connectivity solutions include copper cables and Active Optical Cables (AOCs) to enable cost effective short reach options, as well as a wide range of optical transceivers in QSFP form

Understanding Pluggable Optical Modules

A CXP optical module is a hot-pluggable high-density parallel optical module, which provides 12 channels of traffic in each of the Tx and Rx directions. It applies only to short-distance multimode links.

Qualified Optics | HPE Juniper Networking US

Juniper's 10G and 1G optical modules service a wide range of use cases across campus, data center, and telecom networks. Juniper's vetted suppliers and standards-compliant optics stabilize supply

Active Optical Cables (AOC)

Overview Molex's Active Optical Cables (AOC) offer significant cost advantages over traditional optical modules. Additionally, AOCs can easily be substituted by interfacing to systems via a broad range of

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

Cisco 100GBASE QSFP-100G Modules Data Sheet

Cisco QSFP-100G-SL4 The Cisco 100GBASE-SL4 Short Link QSFP Module supports link lengths of up to 20m over OM3 and 30m over OM4 Multimode Fiber with MPO connectors. It primarily enables

Top Optical Transceiver Manufacturers List (2024)

Accelink is a Chinese optics manufacturer that provides innovative and reliable optics transceiver solutions for data centers, access, and metro

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 least expensive option.

Contact Us

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

Website: <https://dknconsulting.co.za>

Email: info@dknconsulting.co.za

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

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

