

QSFP optical module supplier



AI Overview

Key manufacturers of QSFP optical modules include Coherent Corp, Lumentum, Cisco, Broadcom, HiSilicon, Hisense, Zhongji Innolight, T&S Communications, Wuxi Taclink, Accelink Technologies, and QSFPTEK. Leading Global Manufacturers

Coherent Corp: Specializes in high-speed optical modules and coherent optical components, widely used in data centers and telecom networks.

Lumentum: Offers a broad portfolio of QSFP modules, including 100G QSFP28 and 400G QSFP-DD, with strong R&D investment.

Cisco: Produces QSFP modules compatible with its networking equipment, including 40G, 100G, and 400G variants.

Broadcom: Known for high-performance QSFP modules and integrated optical solutions for hyperscale data centers.

HiSilicon: Focuses on QSFP modules with domestic chip integration, particularly in the Chinese market.

Hisense: Manufactures optical modules for enterprise and telecom applications.

Zhongji Innolight: Offers a range of QSFP modules, including 100G and 400G, with global distribution.

T&S Communications: Provides QSFP modules for data center and networking applications.

Wuxi Taclink Optoelectronic Technology: Specializes in high-speed optical transceivers.

Accelink Technologies: Produces QSFP modules for both domestic and international markets.

QSFPTEK: A third-party manufacturer offering cost-effective QSFP modules with rigorous quality control, serving SMBs and large-scale data centers.

Market Trends and Focus

The QSFP optical module market is concentrated in the Asia-Pacific region, with China holding a significant share. The market is expanding rapidly due to the adoption of 400G QSFP modules and the upcoming deployment of 800G QSFP modules. Hyperscale cloud providers like Amazon Web Services, Microsoft Azure, and Google Cloud are driving demand for high-density, low-latency QSFP interconnects.

Considerations for Choosing Manufacturers

When selecting a QSFP module supplier, consider:

- Compatibility with existing network equipment
- Reliability...

Article Content

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

Chelsio 40G short reach QSFP Optic Module SM40G-SR

Chelsio 40G short reach QSFP Optic Module Chelsio's SM40G-SR 40Gb/s 100m Multimode QSFP+ optical transceivers are designed and certified for use with Chelsio's 40-Gigabit Ethernet Unified Wire

Fiber Optic Transceiver at | Transceiver Module in New Delhi | ID ...

A fiber optic transceiver is a hot-pluggable hardware module that converts electrical network data into light pulses (transmit) and incoming optical signals back into electrical data (receive). It bridges

Data Center Optical Transceiver Market Size, Share, Trends

QSFP-DD and OSFP form factors are displacing older QSFP28 modules as the industry standard for 400G and above deployments. Co-Packaged Optics (CPO) represents the most disruptive near-term

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module format used for

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

Originally designed to replace single-channel SFPs with high-density optical modules, the QSFP is only 30% larger than a standard SFP module. The device supports rates from 100Mbps to

Global Optical Transceiver company

We deliver high-performance 100G, 400G and 800G optical transceivers optimized for data centers, metro transport and long-haul links. Our modules meet the

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

OEM-compatible optical transceivers from 1G to 800G—SFP, SFP28, QSFP28, QSFP-DD & OSFP. MSA-compliant, TAA-certified, lifetime warranty. Find your module today.

DAC vs AOC vs Fiber + Optics Buying Guide | How to Choose the

Not sure whether to choose DAC, AOC, or Fiber + Optics? Learn the differences, transmission distances, applications, and recommended optical modules for data centers, enterprise

QSFP-DD Transceiver: What Drives 11.47% CAGR Growth?

The QSFP-DD Optical Transceiver market is projected to reach \$11.14 billion by 2025, driven by government incentives and strategic partnerships. Analyze 11.47% CAGR growth, key

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

Cisco offers a comprehensive range of pluggable optical modules in the Cisco® pluggables portfolio. The wide variety of modules gives you flexible and cost-effective options for all types of interfaces.

QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

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

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.

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

What Is The Optical Transceiver?The Common Type of Optical TransceiverActive Optical CableDirect Attach Copper CableOptical module is actually a device that can convert electrical signals into optical signals, thereby speeding up data transmission efficiency. It is mainly composed of: electrical chips, optical chips and optical components. In summary, optical transceivers are efficient data transmission devices. With the rapid development of artificial intelligence...See more on unitekfiber qsfptek

QSFPTEK Online Store for Optical Transceivers

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

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

A Comprehensive Guide to 400G OSFP Ethernet Optical Transceivers

This comprehensive product portfolio enables customers to complete network hardware selection and procurement within a unified supply framework, simplifying supply chain management

Contact Us

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