

QSFP optical module manufacturers



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

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

A Comprehensive Look at the QSFP28-100G-ZR4 Optical Module

The QSFP28-100G-ZR4 optical transceiver is a high-performance module that delivers reliable data transfer across extended distances, with exceptional signal quality and reliability.

QSFPTEK Online Store for Optical Transceivers

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

Global Leader in Materials, Networking, and Lasers

KINTEX Exhibition Center 1, Goyang, South Korea Discover Coherent at LASER KOREA 2026, Asia's leading exhibition for laser and photonics technologies.

What factors influence 400G optical transceiver

Discover the key factors that drive 400G optical transceiver pricing—from form-factor and component costs to market dynamics and sustainability.

The Evolution of 400G, 800G, and 1.6T Optical Modules

NADDOD, the leading optical modules manufacturer, offers a comprehensive range of transceivers across all rates and form factors, including

Global Optical Transceiver company

ESTEL designs and manufactures high-performance optical transceivers in Europe, with local technical support and a secure supply chain. Our optical modules

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

OSFP vs QSFP-DD: Choosing the Right 800G Optical Transceiver

In this upgrade path, the form factor of the optical module becomes a key design decision. OSFP and QSFP-DD are two widely used form factors for 800G optical transceivers. Both can

The Ultimate Reference Table for SFP & QSFP Optical Transceiver ...

The definitive guide to SFP, QSFP, and QSFP-DD standards for 2025. Compare 400G/800G optics, understand PAM4 complexity, and master QSFP-DD vs OSFP deployment

Optical Transceivers | Network Solutions for AI Cluster,

Learn the differences between 200G DAC and 200G AOC cables, including QSFP56 and QSFP-DD form factors, transmission distance, power consumption,

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

QSFP-DD Optical Module Overview: What is the differ?

This article will introduce the next generation optical module in detail, QSFP-DD, also known as quad small factor pluggable, and this article will also

SFP Module Transceivers, Manufacturer & Supplier

Our SFP Modules are compatible with all major brands. Our SFP modules support various customization services. YXFiber supports OEM manufacturing by

Topstar -

Topstar -- Your Excellent One-stop Optical Network Transceiver Manufacturer in the World Topstar is a leading optical modules manufacturer and optical solutions provider.

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.

Optical Transceivers | Coherent

Optical Transceivers Get the pluggable module performance you need from the manufacturer of choice for major networking equipment vendors worldwide.

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD

Optical Transceivers Optical Transceivers You Can Trust. At Pivotal Optics, we deliver transceiver solutions you can count on— precision-built, MSA-compliant,

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

Cisco 40GBASE QSFP Modules Data Sheet

QSFP-40G-SR4-S does not support FCoE. Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and

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

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

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

China Optical Transceiver Module & Mellanox Network Switch Manufacturer

Duplex LC Mellanox Optical Transceiver MFM1T02A-SR MMF IEEE 802.3ae 32 QSFP-DD Open Source Mellanox Ethernet Switches 400GbE 1U MSN4700-WS2F MCX4121A-XCHT 3050m

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