

Manufacturer QSFP28 Optical Module

QSFP



AI Overview

Topstar, FS, Smartoptics, WolonFiber, and Amphenol are leading manufacturers of QSFP28 and SFP optical modules. Topstar Technology specializes in a wide range of optical transceivers, including 100G QSFP28, 100G CFP, 10G SFP, SFP+, XFP, and CWDM/DWDM modules. They offer OEM and ODM services, operate a 3,000-square-meter dust-free workshop, and provide 24/7 support. Their “Top-Trans” brand emphasizes high-quality, tested modules suitable for global operators and enterprise networks. FS (Fibrestore) provides 100G QSFP28 modules optimized for high-density, low-power 100 Gigabit Ethernet connectivity. Their products are designed for data centers, high-performance computing networks, enterprise core and distribution layers, and service provider applications. Smartoptics offers QSFP28 transceivers for 100G Ethernet, supporting both Coherent 100G QSFP28 for extended reach in metro and regional networks and PAM4 QSFP28 for cost-effective, short-range data center deployments. Their modules are suitable for scaling data center interconnects and service provider networks. WolonFiber manufactures MSA-compliant 40G QSFP+, 50G SFP56, and QSFP28 modules. They focus on mission-critical telecom and campus deployments, providing custom coding, thermal optimization, and compatibility with Cisco, Arista, Huawei, Nokia, and Ericsson hardware. Their QSFP28 modules support dual-lane 50G upgrades for legacy enterprise switches. Amphenol produces 100G QSFP28 transceivers including SR4, AOC, CWDM4, LR4, ER4, and ZR4 series. These modules adopt LC or MPO optical ports, comply with IEEE802.3bm and SFF-8636 standards, and are used in data center internal networks, interconnections, and metropolitan area networks.

Key Considerations

Standards Compliance: Ensure modules meet IEEE, SFF, and MSA sta...

Article Content

Customized DAC Twinax Copper Cables

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers,

Optical Modules Market Research Report 2034

The QSFP (Quad Small Form-factor Pluggable) form factor family, encompassing QSFP+, QSFP28, QSFP56, and QSFP-DD variants, was the dominant form

Intel® Silicon Photonics

Intel® Silicon Photonics combines the manufacturing scale and capability of silicon with the power of light onto a single chip.

HTF DWDM equipment, OTN Solution, QSFP28 OSFP

OCS OCS Optical AI and Data Center Networking 200G QSFP-DD/QSFP56 400G QSFP-DD/OSFP/QSFP112 800G QSFP-DD/OSFP 1.6T OSFP-XD

100Gb/s QSFP28 Transceivers | Optical Interconnect

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

QSFP28 » Acacia

The QSFP28 100ZR module's streamlined design provides high-volume manufacturing capabilities while maintaining high performance and quality.

Global Optical Transceiver company

QSFP28 / QSFP-DD / OSFP modules for modern networks We deliver high-performance 100G, 400G and 800G optical transceivers optimized for data

KIT QSFP28 100GB (MMF, 850nm, 100m, MPO) for Cisco UCSC

Two (2) Optical Transceivers Modules 100GBase-SR4 QSFP28 (MMF, 850nm, 100m, MPO, DOM) Form Type: QSFP28. Founded in 1992, Compufox provides quality optical transceivers

Leading Optical Transceiver Manufacturer since 2009-FIBERTOP

400GBASE-ZR OSFP-DCO DWDM 80km Optical Transceiver Module 400GBASE-FR4 QSFP-DD 400G 2km PAM4 Optical Transceiver 200GBASE-SR4 QSFP56 850nm 100m MPO Optical

Lightrend

Lightrend Tech Limited, founded in 2020 and located in Wuhan, Optics Valley of China, Lightrend is a manufacturer that specializes in the Research, design,

Cisco QSFP28 100G ZR Digital Coherent Optics

Cisco ® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over

Tanlink Optics

Tanlink Optics Our high-speed optical transceivers, supporting 200G, 400G, and 800G capabilities, are engineered to meet the rigorous demands of InfiniBand

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP28 to SFP28 Adapter (QSA) Module offers 25, 10 and 1 Gigabit Ethernet Connectivity for QSFP 100G ports. The adapter gives

China Optical Transceiver Module & Mellanox Network Switch Manufacturer

40GbE DDMI Mellanox Optical Transceiver QSFP+ 850nm MMA1B00-B150D MPO SR4 up to 150m ConnectX-5 Ex EN Mellanox Network Adapter Card MCX516A-BDAT 40GbE 2x Port QSFP28 4.0

100Gbps QSFP28 LR4 Optical Transceiver Module for Data Centers

10Km 100Gbps QSFP28 LR4 transceiver for high-speed data centers. Compliant with IEEE 802.3ba, supports 100GBASE-LR4 Ethernet with low power consumption.

Understanding the QSFP-DD Standard: The Foundation of 400G Optical ...

LINK-PP has developed a complete line of QSFP-DD 400G optical modules fully compliant with SFF-8677, SFF-8679, and the QSFP-DD MSA. These transceivers are optimized for

Ubiquiti 100G SR4 Multi-Mode Optical Module • QSFP28 • 100/40GbE ...

QSFP28-Transceiver, der 100G-Verbindungen bis zu 100 m unterstützt, indem er Multimode-Glasfasern mit einem MPO-12 Typ B UPC-Anschluss verwendet. •Maximale Datenrate: 100 Gbit/s •Kompatibel

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

Huawei switches support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot swappable.

100Gb/s QSFP28 Transceivers

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO optical ports and are compatible with IEEE802.3bm,

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical

SFP vs SFP+ vs QSFP28 vs QSFP-DD: Master optical transceiver selection for 1G to 800G AI networks with our lab-verified guide.

QSFP, QSFP+, zQSFP, QSFP28 and QSFP56, QSFP

Our complete quad small form factor pluggable, QSFP connector portfolio includes QSFP+, zQSFP, QSFP28, QSFP56 and QSFP 112G. We provide a large range

QSFP28 optical transceivers | Smartoptics

By upgrading from QSFP+ to QSFP28, networks can increase speed and optimize bandwidth utilization. If it fits your current network setup better, learn more about Smartoptics QSFP+ transceivers.

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

100G QSFP28 FR1/LR1 Optical Transceiver

The 100 Gbps FR1/LR1 QSFP28 Optical Transceiver pinout is compliant with the QSFP specifications in SFF-8436. Table below lists and describes all of the electrical pins of the module.

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

The QSFP-SR4-100G-I QSFP28 Module supports link lengths of up to 70m (100m) over OM3 (OM4) Multimode Fiber with MTP/ MPO connectors. It primarily enables high-bandwidth 100G optical 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

Contact Us

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

Website: <https://energy-powertools.eu>

Email: info@energy-powertools.eu

Phone: +49 172 6389472

Address: Musterstraße 12, 10115 Berlin, Germany

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