

ODM High-Speed Optical Connectivity 200G



Overview

The 200G QSFP56 active optical cable is designed for use in 200 Gigabit Ethernet links over OM3 multimode fibre, it contains four multi-mode fibres (MMF) optic transceivers per end, each operating at data rates of up to 50Gb/s. The 200G transceiver represents a critical advancement in high-speed optical connectivity, delivering the performance and efficiency needed for modern data centers, cloud networks, and 5G infrastructure. Designed in compact form factors such as QSFP56 and QSFP-DD, these transceivers support 200G. QSFP-DD 200G family are new generation of 200G transceiver modules solution based on QSFP form factor. QSFP-DD, QSFP-DD-QSFP28, QSFP-DD-SFP56, QSFP56, QSFP56 - SFP56 Name Phone number Comment Subscribe to our emails for exclusive offers. Our OEM/ODM services provide full customization to support your unique application, enabling seamless. High-Speed Optical Transceivers are designed for next-generation data centers, AI clusters, and high-bandwidth network architectures where speed, density, and reliability are critical. This category covers 200G, 400G, and 800G optical modules based on QSFP56, QSFP-DD, and OSFP form factors. WolonFiber manufactures strictly MSA-compliant 100G QSFP28 and 200G QSFP56, QSFP-DD, and heavy-duty CFP2 optical interconnects optimized for ultra-dense Spine-Leaf topologies and long-haul transport. This active optical cable is compliant with IEEE 802.

Article Content

O-band WDM: High-Speed Short-Reach Optical

It was in this band that engineers first learned to build laser transmitters and optical detectors. One of the most critical technical advantages of the O-band is its near

High-Quality ODM 200G QSFP56 Transceivers | ETU-LINK Factory

The ODM 200G QSFP56 stands out as a pivotal module designed for seamless integration in factory and supplier environments. Its robust performance and reliability are vital for maximizing efficiency in

QSFP56 Optical Transceivers: The Ultimate Guide to

QSFP56 optical transceivers enable 200G Ethernet, high-density connections, and efficient upgrades for modern data center networks.

200G Optical Module Market Size And Projection

Conclusion The rapid growth of the 200G optical module market is a clear indicator of the increasing importance of high-speed data transmission in the digital age. These optical modules are

200G Active Optical Cables (AOC) in Data Center

Explore the applications and advantages of 200G Active Optical Cables (AOC) in data centers. Discover how AOC outperforms DAC, its working principles, and

Arista 200G Transceivers and Cables

Because Arista's 200G QSFP optics are dual-rate, and capable of breakouts, each 200G optic or cable can support several different operating modes. The tables below summarize the

200G Optical Transceivers Collection - HRI Connect

200G Optical Transceivers Collection 200G Optical Transceivers 200G QSFP-DD/QSFP56 QSFP-DD 200G family are new generation of 200G transceiver

200G Optical Transceivers | High-Speed QSFP56 Modules for Data

The 200G transceiver represents a critical advancement in high-speed optical connectivity, delivering the performance and efficiency needed for modern data centers, cloud networks, and 5G infrastructure.

200G QSFP56 AOC_Active Optical Cables_QSFP200G

USource QSFP56-200G-AOC family is active optical cables (AOC) for 200G Ethernet applicatio. They are designed expressed for high speed, high deity and low power

OEM|ODM transceiver module|fiber optic transceiver

200G QSFP56 optical modules provide higher transmission rates to meet the extreme bandwidth requirements of data centers and high-performance

200G Transceivers to Increase Data Transfer Speed

Demand for Data Drives Increased Data Transfer Speed The demand for faster speed has largely been driven by the increasing volume of data through cloud

Broadcom Advances Optical Connectivity for AI Infrastructure with ...

Sian2M: Industry's first 200G/lane DSP with integrated VCSEL drivers enabling low power, short reach MMF links in AI clusters. 200G/lane Lasers: Leading-edge 200G VCSEL, EML

OEM 100G QSFP28 & 200G QSFP56, QSFP-DD, CFP2

Direct OEM/ODM manufacturer of 100G/200G transceivers for AI clusters & hyperscale cloud. 100% tested 100G QSFP28, 200G QSFP56, QSFP-DD & CFP2 solutions.

Multimode Links Based on High-Speed VCSELS for Cost-Effective

V. Bhatt, "Multimode Links Based on High-Speed VCSELS for Cost-Effective Data Center Connectivity," in Optical Fiber Communication Conference (OFC) 2024, Technical Digest Series (Optica Publishing)

Custom 200G Optical Transceiver | OEM & ODM Solutions

FibreCross offers advanced 200G optical transceiver solutions designed to meet the high-performance demands of next-generation data centers, telecom networks, and high-speed computing

JTOPTICS 200G AOC Cables | High-Performance 200G Solutions

200G AOC Cables 200G AOC Cables from JTOPTICS are Active Optical Cables that offer lightweight, flexible, and low-power connectivity. Designed for high-performance computing and networking

Customized 200G QSFP56 Active Optical Cable

The 200G QSFP56 active optical cable is designed for use in 200 Gigabit Ethernet links over OM3 multimode fibre, it contains four multi-mode fibres (MMF) optic

Custom 200G Optical Transceiver | OEM & ODM Solutions

Our OEM/ODM services for 200G QSFP56 transceiver modules offer extensive customization, including tailored firmware, labeling, and packaging to meet specific client requirements.

OFC 2024: Broadcom extends AI optical component

Broadcom Inc, has announced an expanded portfolio of optical interconnect solutions for AI and ML applications. Broadcom's optics technologies

Broadcom Extends Technology and Volume Leadership on AI Optical

Demonstration of continuous wave (CW) laser with high efficiency and high linearity for silicon photonics (SiPh) modulation at 200G Shipment of more than 20 million channels of 100G/lane

200G QSFP56 DAC: High-Bandwidth Direct Connect

Experience high-speed 200G connectivity with Innoptical's QSFP56 direct attach cables. Enjoy reliable performance, low latency and cost-effective solutions for

Unlocking the Potential of 200G QSFP-DD: A Deep Dive into Optical ...

The passive optical module, the QSFP-DD, allows an Ethernet data link of up to 200 Gigabits, twice the data load capacity compared to the past QSFP modules. Its architecture

200G Optical Transceiver: QSFP-DD vs OSFP for Data

These form factors are used in switches, routers, and servers to facilitate high-speed interconnects for applications such as Ethernet, InfiniBand, and proprietary

OFC 2026 News Roundup | Business | Mar 2026

The addition expands Corning's portfolio of high-density optical connectivity solutions for next-generation AI networks. LOS ANGELES —

200G QSFP56 Active Optical Cable (AOC) | 200Gbps, 100m Reach,

200G QSFP56 Active Optical Cable The 200G QSFP56 Active Optical Cable (AOC) is a cutting-edge high-speed interconnect solution designed for modern data centers and high-performance computing

Optical Transceiver | 200G 400G 800G QSFP-DD & OSFP Modules

Explore optical transceivers for data centers and AI networks, including 200G, 400G, and 800G QSFP-DD and OSFP modules. Designed for high-density deployments.

200G Optical Transceiver Modules | Broadex Technologies

Description Broadex Technologies' high performance and cost effective 200G Optical Transceiver Modules are built utilizing our innovative COB technology in a

ODM 200G QSFP56 Active Optical Cable Factory, Suppliers

When I think of high-performance connectivity, the 200G QSFP56 Active Optical Cable stands out. This cable is essential for data centers seeking superior speed and reliability. As a B2B purchaser, you'll

Contact Us

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