Price quote for 200G optical modulator



Overview

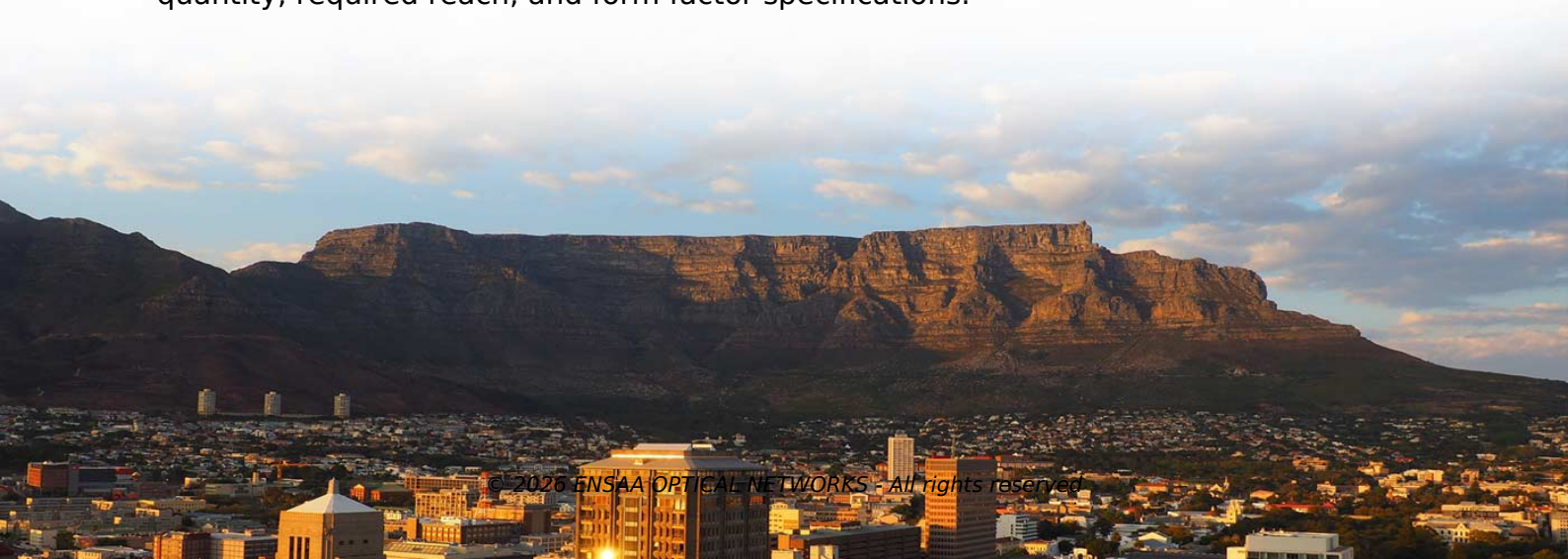
Shop high-performance 200G optical transceivers including QSFP56 and QSFP-DD form factors. Fully compliant with 200GBASE-SR4, FR4, and LR4 for AI data centers. Custom compatibility.

Key Takeaways

The price for a 200G optical modulator typically ranges from $1,200 to $3,500 per unit, depending on form factor, transmission distance, and vendor. Overview of 200G Optical Modules200G optical modulators are high-speed transceivers designed for 200 gigabit per second data transmission. They are widely used in data centers, cloud computing, AI/ML clusters, and telecom networks.

Common form factors include QSFP56 SR4 for short-range multimode fiber and CFP2-DCO coherent modules for longer distances and single-mode fiber applications. These modules utilize PAM4 modulation and parallel optics to achieve high-speed transmission efficiently. Typical SpecificationsQSFP56 SR4 (Short-Range, MMF): Transmission: 200G (4x53.

125Gb/s)Reach: 70m on OM3, 100m on OM4Power consumption: 500,000 hours. For an accurate formal quote, it is recommended to contact suppliers directly with your quantity, required reach, and form factor specifications.



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Article Content

200G Optical Transceivers: High-Density QSFP56 & QSFP-DD Modules

Shop high-performance 200G optical transceivers including QSFP56 and QSFP-DD form factors. Fully compliant with 200GBASE-SR4, FR4, and LR4 for AI data centers. Custom compatibility.

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

800G/400G/200G Coherent CFP2 Transceiver Modules | Optical

FS 800G/400G/200G Coherent CFP2 optical transceiver module solutions offer a full range of CFP2 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return.

Hot selling 200G QSFP56 SR4 optical transceiver module 850nm

The 200G QSFP56 optical transceiver module is an active component used in fiber optic communication networks. It transmits and receives data at a rate of 200 Gigabits per second over optical fibers.

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

Boost network performance with 200G optical transceivers. Designed for data centers, 5G, and cloud infrastructure, our QSFP56 modules deliver low latency, high reliability, and seamless compatibility.

200G QSFP56 LR4 EML LWDM4 10km/20km Optical Transceiver

GIGALIGHT 200G QSFP56 LR4 optical transceiver module is used for long-distance transmission in the field of data communication or telecom, and complies with IEEE 802.3bs 200GBASE-LR4 Ethernet

Reference Transmitter: N7718C | Keysight

Single-mode fiber optical reference transmitter enables 200G-per-lane design validation and 400G-per-lane research.

Up to single lane 200G optical interconnects with ...

Request PDF | On Jan 1, 2019, Fan Zhang and others published Up to single lane 200G optical interconnects with silicon photonic modulator | Find, read and cite all the research you need on ...

Acousto Optic Modulator

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Acousto Optic Modulator to directly control the timing, intensity, and temporal shape of a laser output down to a few nanoseconds. Free space AOM Modulator.

Acousto-Optic Modulators (AOM) | SIMTRUM Photonics Sotre

Note The OE-AOMD-T-AMPC- (MHz)-40 Acousto-Optic SelecTor is a critical component because it perfectly combines high-precision timing, high-power RF amplification, and acousto-optic modulation.

1550nm PM Fiber Coupled Acousto-Optic Modulator

Idealphotonics specialize in providing optical components for high power fiber laser and amplifier systems. In-house control of critical manufacturing processes; from crystalline material selection and

Acousto-Optic Modulator / Frequency Shifter 1030nm 200MHz

Get a price quote for Acousto-Optic Modulator / Frequency Shifter 1030nm 200MHz directly from CSRayzer Optical Technology | Ask questions and find out technical details and specifications.

Fiber-Coupled Integrated Electro-Optical Modulators

With fiber-coupled integrated optical light modulators you can influence the amplitude or phase of laser light quickly and with high dynamics.

Conquer Optical Photonics Electro-Optic Modulator 10G/20G/40G

Get a price quote for Conquer Optical Photonics Electro-Optic Modulator 10G/20G/40G Broadband Microwave Amplifier directly from Beijing Conquer Photonics Co., Ltd. | Ask questions and find out

200G Optical Module Market 2025

200G Optical Module Market was valued at 2625 million in 2024 and is projected to reach US$ 4991 million by 2032, at a CAGR of 9.9% during the forecast period.

1064nm 200MHz Hi1060 Fiber Coupled Acousto Optic Modulator

Get a price quote for 1064nm 200MHz Hi1060 Fiber Coupled Acousto Optic Modulator AOM FC/APC directly from CSRayzer Optical Technology | Ask questions and find out technical details and

Fiber Coupled Double Pass Acousto Optic Modulator 795nm 200MHz

Get a price quote for Fiber Coupled Double Pass Acousto Optic Modulator 795nm 200MHz FC APC directly from CSRayzer Optical Technology | Ask questions and find out technical details and

Acousto Optic Modulator

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New Products For June - Acousto Optic 1310nm fiber-coupled acousto-optic modulator frequency 80MHz $1,580.00 1600nm Fiber-coupled AOM for Self Heterodyne Line width Measurement

Contact Us

Continue your research online:

Website: https://ensaa.es
Technical inquiry: https://ensaa.es/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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