ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Price of 200g Active Optical Cable



Overview

200G QSFP56 InfiniBand HDR Active Optical Cable (AOC. 200G QSFP56 AOC Cable for High-Speed Data Transmission — Delivers 200Gbps total bandwidth using PA.

Key Takeaways

The cost of a 200G Active Optical Cable typically ranges from $150 to $600 per meter, depending on length, type, and vendor.Price Overview

200G Active Optical Cables (AOCs) are available in QSFP56 and QSFP-DD form factors and are designed for high-speed Ethernet or InfiniBand connections in data centers. Prices vary significantly based on cable length, brand, and compatibility:

• Short cables (1–3 meters): Generally cost between $150–$250 per unit for generic or compatible QSFP56 AOCs, suitable for switch-to-switch or server connections .

• Medium lengths (5–10 meters): Prices typically range from $250–$400, often for QSFP-DD or higher-quality branded cables .

• Longer cables (15–50 meters): Can cost $400–$600 or more, especially for premium brands like FS.com or BlueOptics, which offer high reliability and low latency for data center interconnects .
Factors Affecting Cost
• Cable Type: QSFP56 AOCs are generally less expensive than QSFP-DD AOCs due to differences in form factor and data lane density .

• Length: Longer cables require more optical fiber and components, increasing cost. Custom lengths may also add to the price .

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• Brand and Certification: Premium brands like FS.com and BlueOptics provide lifetime warranties, ISO certifications, and tested interoperability, which can increase cost .

• Compatibility: Cables certified for specific switches (Cisco, Dell, NVIDIA, Mellanox) may be priced higher due to guaranteed performance .

• Performance Specifications: Features like low power consumption, PAM4 modulation, and support for 200Gbps bandwidth can influence pricing .
Buying Tips
• For short-range rack-to-rack connections, generic 1–3m QSFP56 AOCs are cost-effective.

• For high-performance or long-distance links, investing in branded cables with certifications ensures reliability and lower latency.

• Always check vendor compatibility with your switches or servers to avoid operational issues. In summary, a 1–3 meter 200G AOC can cost around $150–$250, while longer or premium cables may reach $600 or more, depending on specifications and vendor .

Article Content

200G QSFP56 InfiniBand HDR Active Optical Cable (AOC ...

200G QSFP56 AOC Cable for High-Speed Data Transmission — Delivers 200Gbps total bandwidth using PAM4

200G Active Optical Cables | Proficium – Proficium

200G active optical cables for data center and AI/HPC deployments. QSFP-DD and QSFP56 form factors. MSA-compliant and OEM

200G QSFP56 to QSFP56 Active Optical Cables (AOC) | FiberMall

The QSFP56 200G AOC active optical cable has a standard SFF-8665 compliant QSFP56 port on the electrical side towards the

200G QSFP56 to QSFP56 AOC, 200G QSFP56 Active

The 200G QSFP56 AOC is a QSFP56 VCSEL-based (Vertical Cavity Surface-Emitting Laser) active

200G Active Optical Cables

200G QSFP56 InfiniBand HDR Active Optical Cable (AOC) for Mellanox 100% OEM Compatible, 200Gbase InfiniBand HDR,

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200G QSFP DD Active Optical Cable (AOC)

Amphenol QSFP DD to QSFP DD 200G Active Optical Cable assemblies increase the number of lanes from 4 to 8 and

200G/400G Ethernet Active Optical Cable（AOC）

NADDOD 200G/400G Ethernet AOC cables provide a cost-effective, high-quality solution for RoCE networking in data center

200G QSFP56 AOC: High-Speed Active Optical Cable for Optimal

The 200G QSFP56 Active Optical Cable (AOC) is a cutting-edge solution for short-range, high-speed data transfer

200G QSFP-DD/QSFP56 AOC

The 200G QSFP-DD To 2x 100G QSFP28 breakout Active Optical Cable is designed for short-range multi-lane data communication

Mellanox Technologies Mellanox 200Gb/S HDR Qsfp56 Active Optical Cable

About this item Supports data transfer rate: 200 gigabits per second Connector type: Optical, Male-to-Male Specification met: IEEE

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,

400G QSFP-DD AOC

400G QSFP56-DD to 2x 200G QSFP56 Breakout Active Optical Cable This 400G QSFP56-DD to 2x 200G QSFP56 Active Optical

Amazon : 200G QSFP56 InfiniBand HDR Active Optical Cable

QSFP56 to QSFP56 Active Optical Cable is designed for InfiniBand HDR and Ethernet applications in modern data

AOC (Active Optical Cable) : Optical Transceiver Module | NEC

Active Optical Cables (AOC) use optical fibers, allowing for longer distance transmission compared to copper cables and being less

200G QSFP56 Active Optical Cable

The 200G QSFP56 Active Optical Cable is fully compliant with QSFP56 MSA standards and supports plug-and-play deployment

200G QSFP56 to QSFP56 AOC, 200G QSFP56 Active

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200G QSFP56 AOC (Active Optical Cable)

Optech''s 200G QSFP56 AOC (Active Optical Cables) portfolio offers a wide range of active cables with different options in terms of

What Is Active Optical Cable and How 200G AOC Fits In

Active Optical Cable is a category of fiber cables with built-in electronics; 200G AOC is a high-speed variant within

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

The HPE Aruba P06153-B is a high-performance 200G Active Optical Cable (AOC) designed for connecting QSFP56 ports using

200G Active Optical Cables (AOC) in Data Centers

What are 200G AOC Cables? Active Optical Cables (AOC) are high-speed cabling solutions that integrate active components, such

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200G Active Optical Cables

For pricing, call your Approved Networks sales partner, or Request a Quote from us. 100% OEM Compatible, 200Gbase InfiniBand

200G QSFP56 Active Optical Cables

200G QSFP56 active optical cables for data center and AI/HPC deployments. MSA-compliant and Nvidia MFS1S50, MFS1S00 and

200G QSFP56 to QSFP56 AOC, 200G QSFP56 Active Optical Cable

Shop for low price, high quality 200G QSFP56 to QSFP56 AOC, 200G QSFP56 Active Optical Cable at ActiveOpticalCable with

200G Active Optical Cables (AOCs) – Vitex Direct LLC

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Get fast, practical guidance from US-based fiber optics engineers. High-bandwidth 200G active optical cable for short-reach, high

Dell 200GbE QSFP28-DD 5M Active Optical Cable VYXPW 470

Find many great new & used options and get the best deals for Dell 200GbE QSFP28-DD 5M Active Optical Cable

200G QSFP-DD/QSFP56 AOC

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1m (3ft) Generic Compatible Ethernet 200G QSFP56 Active Optical

QSFPTEK offers a full range of 200G AOC cables, including both direct and breakout types. For direct connections, we provide

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

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