

Price of 100G optical active device



AI Overview

100G Active Optical Devices, including QSFP28 AOCs and transceivers, range from \$19 to over \$1,000 depending on type, vendor, and application.

Cisco 100G Active Optical Devices Cisco offers a wide range of 100G QSFP modules and AOCs suitable for data centers and high-performance networks. Examples include: 100GBASE QSFP Active Optical Cables in lengths from 1m to 30m, hot-swappable and IEEE-compliant, ideal for short-range connections within racks or adjacent racks. CPAK optical transceiver modules such as 100GBASE-SR4 for 100m over OM4 multimode fiber. Cisco QSFP-100G modules support high-density, low-power 100G Ethernet links and are certified for interoperability with IEEE-compliant interfaces. Pricing for Cisco-branded modules is typically available through official Cisco price lists, which vary by model and configuration.

Third-Party and Generic Options Several third-party suppliers offer cost-effective alternatives to Cisco modules:

- FS.com QSFP28 AOCs:** Generic 15m QSFP28 Active Optical Cables priced competitively, fully certified, and compliant with QSFP28 MSA and RoHS standards.
- FiberMall 100G AOCs:** Hot-pluggable QSFP28 or DSFP cables with built-in digital diagnostic functions for 100G Ethernet and InfiniBand EDR.

Market Price Ranges Cost-efficient data center interconnects: Shenzhen Chengfei 100G-SR4 modules range \$19–\$23, with bulk pricing (MOQ 5000+) at \$19. Mid-range OEM-compatible modules: Topstar Finisar-compatible LR4 modules around \$315, suitable for Cisco/Juniper environments. Long-haul or high-performance modules: Hilink BIDI 40km–100km ZR+ modules priced \$600–\$1,150 for telco backbone applications.

Key Considerations Cable length and type: Prices increase with longer AOC lengths or specialized transceivers. Vendor compatibility: Cisco modules require specific firmware coding; third-party modules must replicate this for full functionality. Application: Short-range data center connections are cheaper, while long-haul or coherent optics modules command pre...

Article Content

QSFP28 AOC, 100G Active Optical Cables -SFPcables

10Gtek's 100G QSFP28 AOCs are high-performance active optical cable, applicable to both IB EDR and Ethernet 100G-SR4 applications. Mellanox, Cisco, Arista, Juniper compatible

Optical Active Device Market Size, Growth, Forecast Till 2032

The Optical Active Device Market is expected to grow from USD 7.80 Billion in 2025 to USD 13.41 Billion by 2032, at a CAGR of 7.00% during the forecast period.

100G Direct Attach Cables & Active Optical Cables

BlueOptics 100G QSFP28 AOC and DAC cables provide a powerful and reliable solution for your network requirements. With their high bandwidth, easy installation, and versatile applications, they

10Gtek 100G QSFP28 Active Optical Cable

Compatible with Cisco QSFP-100G-AOC1M. 100G parallel active optical cable is perfect for connecting switch, router, server, NIC, or other fiber optic equipment with QSFP28 ports. Widely apply for

100G QSFP28 DSFP56 Active Optical Cables (AOC) | FiberMall

100G Active Optical Cables (AOC) with hot-pluggable QSFP28 or DSFP built-in digital diagnostic functions for 100 Gigabit Ethernet and InfiniBand EDR.

100G QSFP28 InfiniBand EDR Active Optical Cable

QSFP-100G-AOCH cables are QSFP28 VCSEL-based (Vertical Cavity Surface-Emitting Laser) active optical cables designed for use in InfiniBand 100Gb/s EDR systems.

100G QSFP28 | Active Optical Cable (AOC)

By offering a cost-efficient alternative to discrete optical transceivers and patch cables, these AOCs are ideal for establishing 100Gbps connections within racks and adjacent racks. Active optical cables

Optical Active Device Chip Market Research Report 2034

Optical Active Device Chip market valued at \$9.94 billion in 2025, projected to reach \$21.97 billion by 2034 at 9.2% CAGR. Comprehensive analysis, trends, and forecast.

KB: Creating protection for Hyper-V VMs on Windows Server 2012

First published on TECHNET on Oct 11, 2012 Here's a new Knowledge Base article we published. This one talks about an issue where using DPM 2012 SP1 to create a protection group for

Arista AOC-Q-Q-100G-15M 100G QSFP28 Active Optical Cable

Check Arista Networks AOC-Q-Q-100G-15M compatible 100G QSFP28 Active Optical Cable data sheet (15-metre, AOC, QSFP28 to QSFP28) & price list on FS , buy now!

Optical Active Device Chip Market Evolution & 2033 Projections

The pricing dynamics within the Optical Active Device Chip Market are complex, influenced by technological maturity, competitive intensity, and the specific application segment.

Factory Price Active Optical Cable|aoc cable|100G

Active Optical Cable is a type of data cable that designed for connections in networking setups. The 100G active optic cable comes with a 100G QSFP28

Global Optical Active Device Chip Market Size, Growth Analysis,

Global Optical Active Device Chip Market Size By Device Type (Laser Diodes, Optical Amplifiers), By Application (Telecommunications, Consumer Electronics), By Technology (Silicon

QSFP-100G-AOC2M-AX | Axiom Memory® Axiom 100gbase Qsfp Active Optical ...

Axiom Memory QSFP-100G-AOC2M-AX for \$349.39 - Axiom 100gbase Qsfp Active Optical Cable, 2-meter - 6.56 Ft Fiber Optic Network Cable For Network De Qsfp100gaoc2max at

Optical Active Device 2026-2034 Analysis: Trends, Competitor

Discover the booming optical active device market! Explore its \$15B (estimated 2025) value, 12% CAGR growth projections to 2033, key drivers (5G, data centers), top players (Finisar,

100G QSFP28 AOC Active Optical Cable

TARLUZ 100G QSFP28 AOC is applied for data storage, high performance computing connection. The 100G AOC transmits 4x25G data in parallel over a multimode fiber. The cable is able to transmit up

Optical Active Device Chip Market 2025

Optical Active Device Chip Market size was valued at US\$ 4.67 billion in 2024 and is projected to reach US\$ 8.89 billion by 2032, at a CAGR of 9.6% during the forecast period 2025-2032.

100G Active Optical Cables

Carrier Grade 100G QSFP28 Optics. 100% Tested & Programmed in USA. Fully tested for optical compliance and system compatibility and backed by our industry-leading Limited Lifetime Warranty -

Smartphones, Accessories & Smart Home Devices

#hellomoto | Discover our new unlocked Android phones from motorola and stay informed about our offers and promotions.

100G QSFP28 Transceivers | SR4, LR4, ZR4, BiDi | EDGE Optical

Browse 48 100G QSFP28 transceivers: SR4, LR4, ER4, ZR4, CWDM, DWDM, BiDi & DCO modules. From €34.75. MSA compliant, 5-year warranty, worldwide shipping.

Cisco QSFP-100G-AOC10M 100GBASE QSFP Active Optical Cable 10m Price

Deploy Cisco QSFP-100G-AOC10M 100GBASE QSFP AOC 10m for low-latency 100G links between Cisco switches. Buy online now.

100G QSFP28 AOC 2M | Active Optical Cable | Carritech Optics

The 100GBASE-SR4 QSFP28 Active Optical Cable (CT-100G-QAOC-XX) is a high-performance, multi-channel module designed for short-range data communication over multimode

Save on Cisco 100G and 400G optics

Take advantage of volume discounts for Cisco optics and maximize the port utilization on your switches and routers. This promotion includes 100G optics with reaches up to 80 km and 400G optics with

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