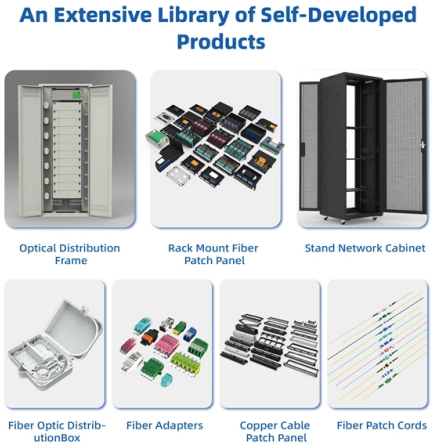
Direct Sales of AOC Active Optical Cable SFP



Overview

AOC Cables L-com provides a variety of active optical cables (AOCs) for your most challenging and demanding applications. We offer optical AOC Active Optic.

Key Takeaways

Active Optical Cable (AOC) SFP products are available for direct purchase from multiple suppliers, offering high-speed, plug-and-play fiber connectivity for data centers and enterprise networks.Key Suppliers and Options
• L-com L-com offers a wide range of AOC cables including SFP+, SFP28, QSFP+, and QSFP28. Their cables support speeds from 10 Gbps to 100 Gbps, feature electrical-to-optical conversion at each end, and are compliant with SFF-8431 and SFF-8432 standards. L-com provides same-business-day shipping and supports applications in data centers, HPC, storage networks, and video surveillance .

• Pivotal Optics Pivotal Optics provides plug-and-play AOCs for short- to medium-range high-speed links. Their SFP and QSFP cables are validated for compatibility with major vendors like Cisco, Juniper, Arista, Dell, Intel, and Mellanox. These cables are energy-efficient, low-latency, and ideal for switch-to-switch or switch-to-server connections .

• EdgeOptic EdgeOptic's AOC portfolio spans 10G SFP+ to 400G QSFP-DD, with reach up to 100 meters over multimode fiber. Their cables include DDM/DOM support for real-time link monitoring and are compatible with leading vendors. EdgeOptic emphasizes plug-and-play installation without separate optics, making them suitable for inter-rack connections and high-performance computing clusters .

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• Fibermart Fibermart offers SFP+ AOC assemblies for 10/40/100Gb Ethernet applications, providing longer link distances, superior signal integrity, and better electromagnetic immunity compared to copper DACs. Their AOCs are designed for high port density and are suitable for LAN Ethernet, InfiniBand, OmniPath, and proprietary interconnect networks. Fibermart provides worldwide shipping and direct sales support .
Advantages of AOC SFP Cables
• High-speed data transfer: Supports 10–100 Gbps for SFP/SFP+ and SFP28 applications.

• Plug-and-play: No separate transceivers or fiber splicing required.

• Longer reach than copper DACs: Up to 100 meters over multimode fiber.

• Low power consumption and EMI immunity: Ideal for dense data center environments.

• Vendor compatibility: Many suppliers validate AOCs with major networking equipment brands.
Purchasing Tips
• Confirm compatibility with your network switches or servers.

• Check link distance requirements to select the appropriate multimode or single-mode AOC.

• Consider DDM/DOM support for real-time monitoring if network management is critical.

• Contact suppliers directly for custom coding or mixed-vendor environments if needed. For direct purchase, you can visit the suppliers' websites: L-com, Pivotal Optics, EdgeOptic, and Fibermart to place orders or request quotes.

Article Content

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AOC

Active Optical Cables (AOCs) are the go-to solution for high-bandwidth, high-speed data center and networking applications.

Active Optical Cables AOC SFP QSFP 10G 25G 100G

Pivotal Optics'' Active Optical Cables (AOCs) are fully integrated, plug-and-play fiber assemblies designed

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Active Optical Cables (AOC) 10G-400G SFP+ QSFP-DD

Active Optical Cables from 10G to 400G. SFP+, SFP28, QSFP+, QSFP28 & QSFP-DD AOCs with DDM support. Multimode fiber, up

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For pricing, call your Approved Networks sales partner, or Request a Quote from us. 100% OEM Compatible, 10GBase, SFP+ to

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10G SFP+ AOC Cables are direct-attach fiber assemblies with SFP+ connectors for 10G Ethernet applications. It is used in high

10Gtek 10G SFP+ AOC Cable

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SFP+ 10-Gbps Active Optical Cable (AOC) Cisco SFP+-10G-AOCxM

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The 25G SFP28 AOC cables provide an ideal alternative option to SFP28 direct attach copper cables (DAC) and SFP28 optical

The Ultimate Guide to AOC Cables: From Optical Transceivers to

Explore AOC cables: active optical cable, optical fiber, and Ethernet solutions. Learn about QSFP and direct attach

10Gtek 10G SFP+ AOC Fiber Cable for Cisco SFP-10G-AOC10M,

About this item 10GbE SFP+ to SFP+ 10GBASE-AOC Active Optical Cable SFP+ assembly, 10-meter. Widely compatible with Cisco

Datacom Active Optical Cables

Datacom AOC - Active Optical Cables are transceiver products that have fiber optic cables permanently embedded in each end for

100M 10G SFP+ Direct-Attach Active Optical Cable /

100M 10G SFP+ Direct-Attach Active Optical Cable / AOC Cable Cable Type: AOC Cable Connector A:

Active Optical Cable (AOC) Explained in Details

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Active Optical Cable assemblies revenue is expected to build significant growth over the next five years, according to a new 2010

SFP+ 10G 10m Active Optical Cable

The SFP-10G-10AOC is an active optical direct attach cable (DAC) with SFP+ connectors and has 10m length. Cable provides short

SFP+ Cables

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables,

10Gtek 10G SFP+ AOC Cable

Buy 10Gtek 10G SFP+ AOC Cable - 10GbE SFP+ to SFP+ Active Optical Fiber Cable, OM3 MMF Direct-Attach Fiber Assemblies

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Active Optical Cables (AOC) | High-Speed Connectors | Data Rates

Designed to support data rates from 12G to 400G, AOCs integrate fiber-optic transceivers directly into the cable to

Active Optical Cable (AOC)

10Gtek® AOC is SFP+ MSA compliance, low power consumption and lightweight, which can be used as an alternative solution to

Active Optical Cables (AOC)

Available with data rates from 10 to 400G, Approved''s AOCs are the most secure, lowest-cost and lowest-power optical link on the

All Active Optical Cables | 10G to 400G AOC | Multi-Vendor Compatible

Explore NS Active Optical Cables from 10G to 400G, compatible with Cisco, Huawei, Arista, NVIDIA, Intel, Dell, and more. Shop

25m Generic 10G Active Optical Cable, SFP+ AOC Fiber Cable

The Generic Compatible SFP+ Active Optical Cables are direct-attach fiber assemblies with SFP+ connectors and operate over Multi

AOC Cables

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