

Oman Solution AOC Active Optical Cable 100G



Overview

Our 100G QSFP28 Active Optical Cable delivers high-bandwidth connectivity for demanding data center and cloud applications. 2 Gbps with lengths from 1m to 100m over OM4 multimode fiber, this AOC features integrated DDM/DOM for real-time monitoring. Operating. Pivotal Optics' Active Optical Cables (AOCs) are fully integrated, plug-and-play fiber assemblies designed for short- to medium-range high-speed data links—without the need for separate transceivers. Built with bonded multi-mode or single-mode fiber, these cables deliver secure, low-latency. DOUBLE DENSITY, COST EFFICIENT, HIGH PERFORMANCE Amphenol QSFP DD to QSFP DD 200G Active Optical Cable assemblies increase the number of lanes from 4 to 8 and double the port density as compared to 100G QSFP28 AOC. These AOC assemblies are QSFP DD MSA compliant, also backwards port compatible with. Good quality 100G QSFP28 Active Optical Cable (AOC, 1~100m, 850nm, OM3/OM4). Hot-pluggable QSFP28 form factor.



Article Content

Jul 31, 2025

100Gb/s QSFP28 1~100m Active Optical Cable (AOC)

The 100G QSFP28 AOC cables provide an ideal alternative solution to QSFP28 DAC (direct attach copper cables) and QSFP28 transceivers of short reach while providing improved

May 06, 2026

Active Optical Cables AOC SFP QSFP 10G 25G 100G 400G Fiber

Built with bonded multi-mode or single-mode fiber, these cables deliver secure, low-latency connections between switches, servers, and storage systems in modern data centers.

Feb 23, 2026

100G-AOC-1M

Explore our 100Gb/s parallel active optical cable (AOC) for 100 meters, featuring 4 channels. Designed for harsh conditions, ensuring reliable data exchange.

Mar 11, 2026

Aoc Cable | JTOPTICS

AOC Cable JTOPTICS® Active Optical Cable (AOC) cable assemblies are designed to meet data center, networking and high-performance computing application

Jan 16, 2026

Understanding the 100G QSFP28 Active Optical Cable: Key

Explore the key components and benefits of 100G QSFP28 Active Optical Cable, a cost-effective and high-performance solution for high-speed interconnections.

Apr 01, 2026

200G-AOC-QSFP-DD-1

200G QSFP-DD Active Optical Cable with DDM - 1 meter High-quality optical transceiver from EDGE Optical Solutions.

Dec 08, 2025

100G QSFP28 AOC Cable | Active Optical Cable (AOC)

FiberWeek offers 100G QSFP28 AOC Cables with lengths from 1m to 50m, providing reliable and high-speed connectivity for 100G Ethernet applications. 100% Tested, Customization options are available.

Jun 05, 2026

What is an Active Optical Cable (AOC) ?

Indeed, there is no need of assembling and cleaning the connectors. AOC is a cheaper interconnect solution and also decreases the operating costs

Jul 21, 2025

Active Optical Cable | AOC | Active Optic Cables | Optics

We offer a wide range of active optic cable (AOC) solutions to ensure that your company performs at an optimal data rate using the latest technology.

Jul 31, 2025

Mowsil Active Optical Fiber Cable (AOC) 4K@60Hz

Active Optical Cable (AOC) Technology: Utilizing fiber optic technology, this cable provides superior performance and reliability over long distances compared to

Sep 09, 2025

AOC-100G-3M 100G, QSFP28, AOC, MMF, 850nm, 1

Supports 103.1Gb/s aggregate bit rate. Hot-pluggable QSFP28 form factor. Available in lengths of 1 to 100 meters. Low power consumption.

Mar 08, 2026

200G QSFP-DD to 4x50G SFP56 Active Optical Breakout Cable

200G QSFP-DD to 4x50G SFP56 Active Optical Breakout Cable - 1 meter High-quality optical transceiver from EDGE Optical Solutions.

May 24, 2026

10Gb/s SFP+ 1~100m Active Optical Cable (AOC)

10G SFP+ Active Optical Cable (1~100-meter, SFP+ to SFP+, OM2 Fiber) The SFP-10G-AOCxM family is SFP+ active optical cables (AOC) for 10Gb Ethernet

May 13, 2026

100G QSFP28 Active Optical Cable

Compatible with Juniper JNP-QSFP28-AOC-5M. Featured as light-weight, low power dissipation, offering you the best solution to 100GBASE connections. In 10Gtek's Signal Integrity Lab, we 100%

Mar 20, 2026

JTOPTICS 100G AOC Cables | High-Performance 100G Solutions

100G AOC Cables from JTOPTICS are Active Optical Cables that offer lightweight, flexible, and low-power connectivity. Designed for high-performance computing and networking environments, they

Apr 23, 2026

Customized OEM 100G QSFP28 AOC Active Optical Cable

COMNEN's Customized 100G QSFP28 Active Optical Cable (AOC) is engineered to deliver high-speed, low-latency, and energy-efficient data transmission for modern data centers and high-performance

May 20, 2026

10G SFP+ Active Optical Cable Assembly 100 Meter

10Gtek's SFP+ Active Optical Cable (AOC) is a 10Gbps solution to 10G Ethernet, and high-performance computing applications. The integrated cable transmits

Apr 23, 2026

Active Optical Cable Archives

100G QSFP28 to 4x SFP28 AOC Cable, QSFP28, multimode fiber, customize cable lengths up to 100 meters. 100G QSFP28 AOC Cable, QSFP28, multimode fiber, customize cable lengths up to 100

Jul 04, 2025

Product-AOC-ACON OPTICS

ACON OPTICS offers a full range of high-performance Active Optical Cables (AOCs) including 800G, 400G, 200G, and 100G solutions, purpose-built for AI, cloud, and next-generation data center

Sep 26, 2025

Hot Pluggable 10G SFP+ AOC Cable Active Optical Cable OM2

GEZHI-AA18MX-XXX SFP+ Active Optical Cable (AOC) is a 10Gbps solution that allows you to connect to 10G Ethernet and data centers. With support of MMF, this integrated cable can transmit 10Gbps

Apr 25, 2026

400G OSFP112 to QSFP-DD Active Optical Cable (0.5-100m)

400G OSFP112 to QSFP-DD Active Optical Cable (0.5-100m) - 0.5. High-quality optical transceiver from EDGE Optical Solutions.

Nov 07, 2025

100G-AOC-QSFP-0.5

Our 100G QSFP28 Active Optical Cable delivers high-bandwidth connectivity for demanding data center and cloud applications. Supporting data rates from 96.97 to 112.2 Gbps with

Oct 02, 2025

Ubiquiti UACC AOC QSFP28 5m Active Optical Cable, 100G QSFP28

2-3 Days Delivery in Oman We offer express delivery to Muscat, Salalah, Seeb, Sohar, and other cities in Oman for Ubiquiti UACC AOC QSFP28 5m Active Optical Cable, 100G QSFP28 to

Dec 14, 2025

30m (98ft) Generic Compatible 800G QSFP-DD 8 x 100G PAM4 Active Optical ...

FS offers a 30-meter 800G QSFP-DD active optical cable for 800 Gigabit Ethernet links in data centers. The cable uses 8x100G PAM4 modulation, supports hot-pluggability per QSFP-DD

Nov 11, 2025

Spec Sheet

QSFP28 100G Siemon 100G QSFP28 Active Optical Cable (AOC) assemblies offer a highly reliable and cost-effective alternative to transceiver assemblies available in lengths ranging from 0.5M to 100M,

Apr 05, 2026

100G QSFP28 AOC 2M | Active Optical Cable

In stock. 2M 100G QSFP28 AOC (Active Optical Cable) from Carritech Optics. Lifetime Warranty, Fully Compatible with a wide range of

Jul 26, 2025

Wholesale Active Optical Cables (AOC) | 25G, 40G,

Active optical cable (AOC) can be defined as an optical fiber jumper cable terminated with optical transceivers on both ends. Unlike traditional copper cables, which rely

Contact Us

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