

# 40G Active Optical Cable Supplier for Carrier Backbone Network AOC



## Overview

Carrier Grade 40G QSFP+ Optics. 100% Tested & Programmed in USA. Fully tested for optical compliance and system compatibility and backed by our industry-leading Limited Lifetime Warranty - Tier 1 Optical Contract Manufacturers - the same manufacturers used by OEMs. Fully compatible with over 90. Amphenol provides a series of 40G QSFP+ optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series. This series of products adopts LC or MPO optical port and is compatible with IEEE802.3bm, SFF-8436 and other standards; It has the characteristics of low power. AMPCOM AOC (Active Optical Cables) and DAC (Direct Attach Cables) provide cost-effective, plug-and-play connectivity for data centers, HPC, and enterprise networks. Supports 10G/25G/40G/100G/400G with low power consumption and high reliability. It integrates four data lanes in each direction with 40 Gbps aggregate bandwidth. Designed for short-to-medium distance connections in modern data centers and enterprise networks, these cables integrate optical transceivers and multimode.

## Article Content

### 40G/56G QSFP+ AOC

The QSFP+ AOC - Active Optical Cable is a high performance integrated cable for short-range multi-lane data communication and interconnect applications. It

### AOC Vs DAC Vs ACC Vs AEC: Complete Guide To

Understand AOC, DAC, ACC & AEC modules in one guide. Compare features, benefits & best use cases to choose the right cable for your

### Optical Transceiver Pricing: Cost Ranges by Speed

See practical price ranges for 1G-100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology — buying tips included.

### Wholesale 40G AOC Cable | 40Gbps Active Optical Cable

40G AOC Cable delivers 40Gbps high-speed transmission with low latency and reliable performance. Ideal for data centers, HPC, and switch-to-switch

### AMPCOM AOC & DAC Cables - High-Speed Active

AMPCOM AOC (Active Optical Cables) and DAC (Direct Attach Cables) provide cost-effective, plug-and-play connectivity for data centers, HPC, and enterprise

### QSFP+ 40-Gbps Active Optical Cable (AOC) Cisco QSFP+-40G

QSFP+ 40Gbps Active Optical Cable (AOC) - Cisco QSFP-H40G-AOCxM Compatible Connect 40Gbps Cisco Switches, Routers and Servers, as well as other MSA Compliant Equipment in Ethernet

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

UnitekFiber is a trusted and reputable supplier specializing in providing a wide range of active optical cable aoc wholesale for various networking and data

### 40G QSFP+ AOC Cable

The 40G QDR QSFP+ Active Optical Cable (AOC) from FiberMania is a high-performance, integrated cable assembly designed to facilitate seamless 40Gbps connectivity in modern cloud and enterprise

### Active Optical Cable, AOC Manufacturer & Supplier

Active Optical Cable (AOC) meets the needs of higher speed, greater scalability, better performance and higher reliability in data centers, storage network, and high performance computing applications.

### 40Gbps QSFP+ Active Optical Cable QSFP+-AOC

Description QSFP active optical cables are a high performance, low power consumption, long reach interconnect solution routing 40G Ethernet, fiber channel and PCIe. It is compliant with 40GBASE-SR4.

AOC Cable | JTOPTICS

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

40G QSFP+ AOC

40G QSFP+ Active Optical Cable Transmission data rate up to 11.3Gbit/s per channel  
Reliable VCSEL array technology using multimode fiber Available in standard lengths of 3, 5, 10, 15, 20, 30, 50,100m

40G Active Optical Cable (AOC) Solution

40G active optical cable (AOC) is a cabling technology used for deploying 40G Ethernet network, which uses electrical-to-optical conversion on

40G QSFP+ AOC Cables | Direct & Breakout | Up to 100m

Available in standard lengths up to 30 m (98 ft) and custom builds up to 100 m (328 ft), NS 40G AOCs are ideal for switch-to-switch interconnects, server uplinks,

All Active Optical Cables | 10G to 400G AOC | Multi

All Active Optical Cable High-Speed and Versatile Connectivity for Modern Networks  
Overview Active Optical Cables (AOCs) are essential building blocks

40G QSFP+ Active Optical Cables | AscentOptics

The 40G QSFP+ AOC uses COB technology and assembled with 40G optical engine for lower cost and power consumption. It is an ideal optical interconnect solution for large data centers, cloud

QSFP+ 40-Gbps Active Optical Cable (AOC) Cisco QSFP+-40G

Cisco Compatible Active Optical Cable (AOC) Connects Network Equipment at Speeds up to 40 Gbps Black Box QSFP+ Active Optical Cables provide premium, error-free performance for data, storage,

40G QSFP+ Active Optical Cable (AOC)

40G QSFP+ Active Optical Cable (AOC) is 100% compatible with switches and routers made by most major OEMs like Adtran, Agema, Alcatel, Allied Telesis,

40Gb/s QSFP+ Active Optical Cables (AOC)

Amphenol provides a series of 40G QSFP+optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series.

40Gb/s QSFP+ 1~100m Active Optical Cable (AOC)

Buy 40Gb/s QSFP+ 1~100m Active Optical Cable (AOC) from Manufacturer at Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

Spec Sheet

QSFP+ 40G Siemon 40G QSFP+ 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, beyond

What You Need to Know About Active Optical Cables

Active Optical Cable offers high speed, low power use, and reliable connections. Find out how AOC fits data centers, offices, and home setups.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://boxesgaramella-andria.it>

Email: [sales@boxesgaramella-andria.it](mailto:sales@boxesgaramella-andria.it)

Phone: +39 331 584 7291

Address: Via delle Industrie, 15, 20154 Milano, Italy

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