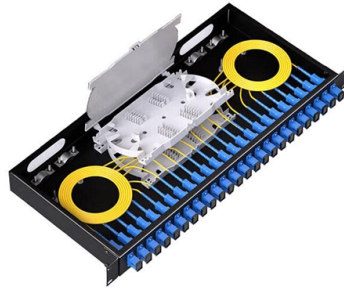


# Manufacturer s high-speed optical connection 100G



## Overview

Product Overview: The 100G QSFP28 Active Optical Cable (AOC) is a state-of-the-art solution designed to meet the high-speed data transmission requirements of modern data centers, high-performance computing networks, and enterprise settings. These hot-pluggable, low-power AOCs deliver reliable, high-speed connectivity over multimode. The Intel Compatible QSFP28 Active Optical Cables are fibre assemblies with QSFP28 connectors designed for direct-attach connections over Multi-Mode Fiber (MMF). These AOCs comply with hot-pluggable QSFP28 MSA and RoHS-6 standards, ensuring compatibility and adherence to environmental regulations. By integrating 850nm VCSEL array laser transmitters and PIN receivers within the optical transceivers at both ends, it converts electrical signals into optical signals for transmission. COMPLIANT WITH THE SFF-8636, IEEE802. 1 Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO optical ports and are compatible with IEEE802. From short-reach data center links to 300 km DWDM deployments, our 100G portfolio is designed to scale with your needs - without the OEM.

## Article Content

### Spec Sheet

These 100G QSFP28 assemblies are capable of transmitting data up to 100Gb/s, offering an easy installation with a flexible, multimode fiber cable.

### Arista 100G Transceivers and Cables: Q& A

Arista supports a full range of 100G copper cables and optical transceivers compliant to IEEE standards and industry MSAs. Arista's 100G connectivity solutions include copper cables and Active Optical

### 10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and the entire industrial chain involving optical components,

### Overview of 100G SFP Types

Different 100G Transceiver types are key components in modern network infrastructure, providing high-speed connectivity for networks with varying needs. What Are 100G Transceivers?

### A Deep Dive into the QSFP28-100G-ZR4 Optical

QSFP28-100G-ZR4 transceiver enables 100G data transmission up to 80km using single-mode fiber, ideal for long-distance, high-speed network

### High-Quality Best 100g Optical Transceiver Products, Manufacturer

Manufacturer PLC Splitter 0.9mm, 2.0mm Factory High Quality Customized Fiber Array Unit Factory Provider Uncovering 100g Optical Transceiver in 2025 Global Reach As the demand for high-speed

### 3m (10ft) Intel Compatible 100G QSFP28 Active Optical Cable

The Intel Compatible QSFP28 Active Optical Cables are fibre assemblies with QSFP28 connectors designed for direct-attach connections over Multi-Mode Fiber (MMF). These AOCs comply with hot

### 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

### 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

## 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.

### QSFP-100G-AOC5M | High-Speed 100G Optical Cable

Description The QSFP-100G-AOC5M is a 5-meter Active Optical Cable (AOC) designed for 100G Ethernet and high-speed data center interconnects. As an

### Panduit Cable Ordering Guide For Cisco 100G Optics

Each 40/100G BiDi transceiver consists of two transmit and receive channels in the 832-918 nm wavelength range, enabling an aggregated 40G or 100G link over a two-strand multimode fiber

### QSFP28 100G AOC high-speed interconnection optical cable

The C-LIGHT 100G AOC Active Optical Cable, built on the QSFP28 form factor and 850nm VCSEL laser technology, delivers outstanding performance in power consumption, interference immunity,

### High-Speed Optical Transceivers | 1G/10G/25G/40G/100G

Explore our range of high-speed optical transceivers, offering efficient data transmission for 1G, 10G, 25G, 40G, and 100G networks. Customized

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

Amphenol's 100G QSFP28 to QSFP28 Active Optical Cable assemblies are a reliable, cost and power efficient, integrated solution which is

### Custom 100G Optical Transceiver manufacturer, 100G Optical

100G QSFP28 CWDM4 optical transceiver module, support 100Gb/s and up to 10 km transmission on SM fiber, it works in high-speed IDC connection solutions, and so on.

### 100Gb/s QSFP28 Transceivers | Optical Interconnect

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or

### 100G QSFP28 vs SFP112: High-Speed Optical Modules Comparison

Compare 100G QSFP28 and SFP112 optical modules on speed, form factor, port density, compatibility, and power efficiency. Choose the best for your network.

### 100G QSFP28 Transceivers for High Performance

All 100G transceivers from Pro Optix are provided with extensive warranties, manufactured under ISO control and are compatible with the most common

### 100Gb/s QSFP28 Transceivers

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Arista 100G Transceivers and Cables: Q& A

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100G QSFP28 Active Optical Cable

Product Overview: The 100G QSFP28 Active Optical Cable (AOC) is a state-of-the-art solution designed to meet the high-speed data transmission requirements of modern data centers, high-performance

Best 100G QSFP28 LR Fiber Optic Transceiver

100G QSFP28 LR Fiber Optic Transceiver Wavelength 1310nm Transmission Distance 10km 100G QSFP28 optical transceiver is suitable for 4x25GE access

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

QSFP28-100G to QSFP28-100G AOC cables (Figure 7) are suitable for short distances and offer a flexible way to connect within racks and across racks. Active optical cables are much thinner and

100G-AOC-3M

Discover our high-speed active optical cable (AOC) with 4 channels for 100Gb/s over 100 meters. Built for harsh conditions, ensuring reliable data exchange.

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.

## Contact Us

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