

Rwanda AOC Active Optical Cable QSFP-DD



Overview

These AOC assemblies are QSFP DD MSA compliant, also backwards port compatible with existing QSFP modules and provide flexibility for end users and system designers. 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. Each cable integrates eight transmit and eight receive channels operating at 53.125 Gbps with PAM4 modulation for an. Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both traditional passive copper and emerging active copper (ACC/AEC) solutions, supporting high performance computing, data center and networking interconnect applications. 3cd. This product is well suited for 400G Ethernet (8x50 Gbps) or 200G Ethernet (8x25 Gbps)er longer distances in modern data centers and enterprise networks. Featuring QSFP-DD connectors on both ends, it supports data rates of 400 Gbps through eight 50 Gbps lanes, making it ideal for applications such as clou tances beyond the limitations of copper cables, reaching up to 50m.

Article Content

Oct 26, 2025

QSFP Cables Explained 2025: Types, DAC vs AOC,

This guide explains everything you need to know about QSFP cables: their types, how they work, when to choose DAC vs AOC, and how to ensure

Nov 17, 2025

NVIDIA Mellanox MFA7U10-H020 LinkX HDR AOC

The NVIDIA Mellanox® MFA7U10-H020 (NVIDIA P/N 980-9I115-00H020) is a 20-meter LinkX Active Optical Cable (AOC) configured as a 1-to-2 hybrid splitter: 1× OSFP (400Gb/s aggregate, switch

May 05, 2026

400G QSFP-DD Active Optical Cable 400G QSFP-DD Active Optical

er longer distances in modern data centers and enterprise networks. Featuring QSFP-DD connectors on both ends, it supports data rates of 400 Gbps through eight 50 Gbps lanes,

Jul 28, 2025

Dell networking transceivers and cables

This solution can be deployed with a single active optical cable (AOC) with integrated QSFP+ and SFP+ transceivers or using a passive fiber breakout cable. Dell enables cost-savings through the reuse of a

Sep 03, 2025

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

Oct 12, 2025

800G OSFP & QSFP-DD Active Optical Cables (AOC)

Supports a single 800Gbps interface in a branch cable configuration to connect two 400G QSFP-DD modules. High-bandwidth, low-latency, and low-power

May 30, 2026

3m (10ft) 400G QSFP-DD Active Optical Cable

Thin and lightweight AOC cables simplify cable management, enabling an efficient system airflow, which is critical in high-density racks. It is used extensively in cloud and supercomputers due to its low cost,

Dec 30, 2025

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.

Jun 14, 2026

400G QSFP-DD Active Optical Cable (AOC) | Lumentum

Lumentum's 400G QSFP-DD Active Optical Cable (AOC) provides high-speed, low-latency optical connectivity for short-reach interconnects in hyperscale and enterprise data centers.

Jun 17, 2026

NVIDIA/Mellanox MFA1W00-W010 Compatible 400G QSFP-DD Ethernet Active ...

This active optical cable complies with IEEE 802.3cd, OIF-IEC-04.0, QSFP-DD MSA and QSFP-DD-CMIS-rev4p0 standards. Thin, lightweight AOC cables simplify cable management, allowing efficient

Jun 21, 2026

400G-AOC-OSFP-QSFP-DD-0.5

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

Jul 20, 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.

Feb 07, 2026

HPE 400GBase direct attach cable

HPE - 400GBase direct attach cable - QSFP-DD to QSFP56 - 5 m - 5 m - fiber optic - Active Optical Cable (AOC),S6H79A

Mar 13, 2026

SFP+ Cables

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

Oct 15, 2025

Active Optical Cable | AOC | Active Optic Cables | Optics

These AOC assemblies are QSFP DD MSA compliant, also backwards port compatible with existing QSFP modules and provide flexibility

Apr 08, 2026

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

Jul 03, 2026

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.

Jun 14, 2026

400G QSFP-DD Active Optical Cable (AOC)

Call, chat, email or meet for Active Optical Cable (AOC) connectivity support. Save up to 90% while improving deliverability & interoperability.

Sep 27, 2025

Hilink Optics QSFP QSPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

Sep 11, 2025

What is QSFP & QSFP+ Transceiver: An Ultimate

QSFP AOC: Active optical cable with QSFP+ module on both ends, mainly for medium to long reach interconnectivity. Multimode QSFP: The MMF

Sep 03, 2025

Wholesale Optical Transceivers Module | 100G

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

Jan 23, 2026

What is a Active Optical Cable (AOC)?

Then one can run a cable between them. Close QSFP28 AOC Active Optical Cable
With AOCs, it is trickier since both ends are fixed to a fiber cable. As a result, devices that are vendor

Jun 05, 2026

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

The AOC (Active Optical Cable) system connects its optical engines through optical connectors which transmit data through fiber links between these connectors. The AOC functions as

Mar 19, 2026

Active Optical Cables (AOC) | High-Speed Connectors

Active Optical Cables (AOC) Explore Amphenol's high-speed Active Optical Cables designed for data centers, HPC, telecom, and storage systems

Aug 22, 2025

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 to 100m reach. Fast shipping.

Mar 22, 2026

SFP, QSFP, QSFP-DD, OSFP Active Optical Cable Assemblies

Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both traditional passive copper and emerging active copper (ACC/AEC) solutions,

Contact Us

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