

## High-speed optical connection 400G RoHS



### Overview

400G AOC (Active Optical Cable) is a high-speed fiber optic connector used in data centers and high-performance computing environments with transmission rates of up to 400 Gbps. Products are both in QSFP-DD and QSFP56 form factor to satisfy host system requirements. Amphenol is a leading innovator in the development and manufacturing of Active Optical Cables (AOCs), delivering high-performance interconnect solutions. 400G AOC Cables from JTOPTICS are Active Optical Cables that offer lightweight, flexible, and low-power connectivity. JTOPTICS® 400G QSFP-DD AOC (active. The Strategic Path to 10G: Enabling Seamless Migration with XGS-PON Combo OLT SFP+ Beyond Gigabit: Architecting the Future with Superxon XGS-PON OLT SFP+ Scaling Beyond 10G: Why Optical Transceiver Reliability is the Bedrock of Next-Gen Access Networks GPON, EPON, vs XGPON Optical Transceivers. The HL-QSDD-400G-ER4 transceiver is engineered for 400Gb/s network applications with a maximum transmission distance of 40km. The transceivers have on the electrical side 8 lanes.

## Article Content

### 400G DAC and AOC cables

Product description The QDD-400G-03AOC is an active optical direct attach cable with QSFP-DD connectors and has 3m length. Cable provides short distance (same shelf) inexpensive connectivity ...

### AOC Cables (10G-400G) | High-Speed Interconnect Solutions for ...

Phillisun AOC cables support 10G-400G high-speed interconnects for data centers, AI, and HPC. Featuring low latency, low power consumption, and broad compatibility, ideal for switch, server, and ...

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

Active Optical Cables (AOC) Explore Amphenol's high-speed Active Optical Cables designed for data centers, HPC, telecom, and storage systems with support from 12G to 400G.

### 400G QSFP-DD AOC: High-Bandwidth Active Optical Interconnects

Connect your network with confidence using Innoptical's 400G QSFP-DD active optical cables. Achieve high-speed, low-latency data transfer over 100m for your data center and high-performance computing.

### Spec Sheet

The Active Optical Cable assemblies support 400G PAM4 applications and are available in standard lengths up to 100 meters including 1:2, 1:4 and 1:8 breakouts.

### 400G QSFP56-DD

Eoptolink's 400G QSFP56-DD transceivers are addressing the technical challenges of achieving high speed 400G interconnections. The transceivers have four optical lanes that operate at 100Gbps ...

### 400G Transceiver | Superxon

Superxon offers high-speed 400G optical transceiver solutions for data centers and high-performance networks, featuring the 400G QSFP-DD and 400G QSFP112 product families, as well as QSFP ...

### 400G Active Optical Cable | For AI and HPC RoCE Ethernet

Discover high-speed 400G QSFP-DD Active Optical Cables (AOCs) for data centers and HPC. Lightweight, low-power, and supporting up to 100m reach.

### 400G QSFP-DD ER4 Optical Transceiver 40km RoHS

Hilink 400G QSFP-DD ER4 Optical Transceiver Module offers 40km transmission, OMA sensitivity <-14dBm, and RoHS compliance for high-performance networking.

## JTOPTICS 400G AOC Cables | High-Performance 400G Solutions

400G 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 ...

### 400G Active Optical Cable

Jabil Photonic 400G Active Optical Cable (Breakout Cable 2x200G) provides optimized solutions for interconnections inside datacenter up to 70M on OM4 fiber. Products are both in QSPF-DD and ...

### H3C Compatible 10m (33ft) 400G QSFP-DD Active Optical Cable

Designed for relatively short connections, this cable enables reliable and efficient 400G data transmission over thin, flexible optical fibers, eliminating the need for additional optical components.

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

Active Optical Cables High-Speed Fiber Optic Cables with Power Efficiency & Proven Reliability Pivotal Optics" Active Optical Cables (AOCs) are fully integrated, plug-and-play fiber assemblies designed ...

## Contact Us

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