

CE Certified Active Optical Device 400G



Overview

The SO-QSFPDD-AOCxxM-4 is an Active Optical Cable (AOC) solution for short-range multi-lane data communication and interconnect applications. The solution consists of two QSFP-DD transceivers connected via an OM4 MultiMode optical cable of different lengths for 400Gbps Ethernet. The QSFP-400G-AO03 active optical cable is an 4-channel, pluggable, parallel, fibre optic 400G QSFP112 AOC. Products are both in QSPF112 form factor to satisfy the different host system requirements. Amphenol is a leading innovator in the development and manufacturing of Active Optical Cables (AOCs), delivering high-performance interconnect solutions. Siemon's 50G per lane PAM4 Ethernet or InfiniBand™ OSFP Active Optical Cable assemblies (AOCs) are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for high-speed data center interconnects. It offers low power consumption, low latency, and high reliability, making it suitable for applications in data centers, cloud computing, and more.



Article Content

400G OSFP Active Optical Cables | AscentOptics

The 400G OSFP AOC is a 400 Gb/s parallel active optical cable, which transmits parallel 8x50 Gb/s PAM4 signals over MMF OM3 cables up to 100m - AscentOptics.

400G QSFP DD Active Optical Cable (AOC)

400GB/S QSFP DD ACTIVE OPTICAL CABLE COMPLIANT TO 26.5625GBD PAM4 MODULATION Amphenol's QSFP DD to QSFP DD 400G Active Optical Cable

Cisco 400G QSFP-DD High-Power (Bright) Optical

Learn how Cisco 400G QSFP-DD High-Power (Bright) Optical module's small size and low power make it an optimal choice for a wide range of

400G Coherent Optical Devices: Architecture,

Explore the architecture, key technologies, applications, and future trends of 400G coherent optical devices in modern high-speed fiber networks.

400G QSFP56-DD to 4x 100G QSFP56 Breakout Active

The 400G QSFP56-DD to 4x 100G QSFP56 AOC breakout active optical cables are designed for 400G to 4x 100G Ethernet links reach up to 70m (OM3) or 100m

Active Optical Cables (AOC) | High-Speed Connectors

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

400G OSFP Breakout Active Optical Cables | AscentOptics

Experience advanced data center connectivity with our cutting-edge 400G OSFP Breakout AOC. Engineered for high-speed transmissions, this Active Optical Cable offers exceptional reliability and

3m (10ft) Broadcom Compatible 400G QSFP112 Active Optical Cable

This active optical cable is compliant with QSFP112 MSA and IEEE 802.3 ck-400GAUI-4. Thin and lightweight AOC cables simplify cable management, enabling an efficient system airflow, which is

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

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.

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.

Cisco 400G Digital Coherent Optics QSFP-DD Optical

Cisco now offers a range of all new 400G Digital Coherent QSFP-DD transceivers. Cisco already offers a range of Digital Coherent CFP2 transceivers

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

The 400G QSFP-DD active optical cables are designed for use in 400 Gigabit Ethernet links over OM4 multimode fibres, and contain eight multi-mode fibres (MMF) optic transceivers per end, each

Spec Sheet

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

QSFP-DD 400G Ethernet-SR8, Active Optical Cable

The solution consists of two QSFP-DD transceivers connected via an OM4 MultiMode optical cable of different lengths for 400Gbps Ethernet interconnects.

400G QSFP-DD Active Optical Cable

400G QSFP-DD Active Optical Cable FEATURES Eight-channel full duplex active optical cable Up to 53.125 Gbps data rate per channel by PAM 4 modulation Low power consumption: < 8 W per cable

QSFP56-DD 400G Active Optical Cable for Intel

Intel compatible QSFP56-DD 400G Active Optical Cable (AOC) for short direct connections. Typical lead time of 7 – 10 days.

400G Active Optical Cable

Photonic 400G Active Optical Cable (Breakout Cable 2x200G - QSFP112 version) provides optimized solutions for interconnections inside datacenter up to 50M on OM4 fiber. Products are both in

Professional Active Optical Cable (AOC) Manufacturer | 1G-800G Data ...

These AOC products support full-line rate levels from 10G to 400G, and provide multiple length options from 1 meter to 100 meters to meet various intra-rack and inter-rack connection needs.

400G Active Optical Cable (AOC)

Discover QSFPTEK 400G AOC active optical cables. They are ideal for connections between 400G switches within the data center, or for connecting to server NICs. Buy now!

A Deep Dive into NADDOD 400G Ethernet Active Optical Cable (AOC)

Discover NADDOD 400G Ethernet AOC cable solutions, including OSFP to QSFP-DD and breakout options, designed for high-density data centers, HPC and AI clusters.

QDD-400-AOC5M

Quad Small Form-factor Pluggable Double Density (QSFP-DD) Active Optical Cable. Active cable assembly. 400 Gbit/sec line speed. Operating distance of 5 metres.

1m (3ft) Cisco QDD-400-AOC1M Compatible 400G QSFP-DD Active Optical ...

Cisco QDD-400-AOC1M Compatible 400G QSFP-DD AOC (1-meter, QSFP-DD to QSFP-DD) The 400G QSFP-DD active optical cables are designed for use in 400 Gigabit Ethernet links over OM4

400G QSFP-DD Active Optical Cable

Datasheet Networking 400G QSFP-DD Active Optical Cable Multichannel AOCs combining our vertically integrated VCSEL array technology with standard QSFP

OSFP Active Optical Cables Build a Strong 400G

OSFP Active Optical Cables Build a Strong 400G Foundation in Data Centers Search Products Content Last Updated: May 7, 2025 Future proof your

TE Connectivity

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

QSFP-400G-AOxxx Datasheet | FS

The QSFP-400G-AO01 active optical cable is an 4-Channel, pluggable, parallel, fiber optic 400G QSFP112 AOC. It integrates four data lanes in each direction with 4x53.125GBd.

Active Optical Cable,400G QSFP-DD AOC,200G

Active Optical Cable (AOC) is a high-speed data transmission solution that integrates optical modules and fiber optics. It offers low power consumption, low latency,

Contact Us

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