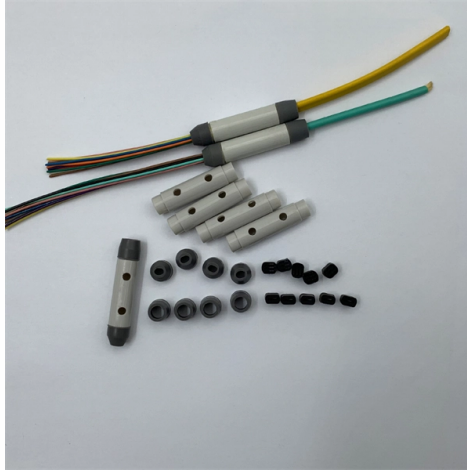


Active optical cable 400Gaoc



Overview

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. Each cable integrates eight transmit and eight receive channels operating at 53.125 Gbps with PAM4 modulation for an. 100% OEM Compatible, 400GBase, QSFP-DD to QSFP-DD AOC (Active Optical Cable) Tested. 100% Guaranteed compatible with multi-vendor AOC support 100% tested to exact MSA & OEM specifications Industry leading Limited Lifetime Warranty on all AOC products Extensive inventory. The 400G QSFP56-DD AOC is a Eight-Channel, Pluggable, Parallel, Fiber-Optic QSFP Double Density for 2x200 Gigabit Ethernet Applications. This 400G QSFP56-DD to 2x 200G QSFP56 Active. 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 operating at data rates of up to 53Gb/s.



Article Content

400G-AOC-QSFP-DD-8xSFP56-1

Our 400G QSFP-DD to 8x50G SFP56 Active Optical Cable delivers ultra-high-bandwidth connectivity for hyperscale and cloud data centers. Supporting 425 Gbps data rates with lengths from 1m to 100m

Active Optical Cables

About Active Optical Cable Active optical cables (AOC) are cables with optoelectronic modules in the connector heads that convert electrical signals to

MaxLinear announces 5nm CMOS PAM4 DSP with

MaxLinear announces 5nm CMOS PAM4 DSP with integrated VCSEL drivers for 800G and 400G Multimode short-reach optical modules and

High-speed Interconnects Market Size & Trends 2025-2035

High-speed Interconnects Market The high-speed interconnects market is segmented by Type (Direct Attach Cables (DAC), Active Optical Cables (AOC)) and Application (Data Center,

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!

Cisco Systems 400G QSFP-DD Active Optical Cable 15M

400G QSFP-DD active optical cable supports up to 15 meters of high-speed data transmission at 400Gbps, providing slightly more distance than the 10-meter versions.

Active Optical Cables (AOC)

Active Optical Cables (AOC) Molex Active Optical Cables (AOCs) achieve high data rates over long reaches, using a fraction of the power of other brands while

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.

Mellanox (NVIDIA Mellanox) MFS1S00-H010V AOC Active Optical Cable

The team selected the MFS1S00-H010V 200G QSFP56 AOC cable as the core building block for their interconnect fabric. Specifically, they deployed the 10-meter variant (H010V

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

400G QSFP-DD AOC

400G QSFP-DD AOC - ActiveOpticalCable offers 400G QSFP56-DD active optical cables, which meets the needs of higher speed, greater scalability, better

Juniper QDD-400G-AOC-5M Compatible 5m 400G QSFP-DD Active Optical Cable ...

When you click on links to various merchants on this site and make a purchase, this can result in this site earning a commission. Affiliate programs and affiliations include, but are not limited to, the eBay

Avendor Axiom 400G QSFP-DD to QSFP-DD Active Optical Cable, 1

The Axiom 400G QSFP-DD to QSFP-DD Active Optical Cable (AOC) delivers high-performance, low-latency connectivity for next-generation data centers and enterprise networks.

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

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.

400G Breakout Active Optical Cable | 400G AOC Splitters

Transform your data center's performance with NADDOD cutting-edge 400G AOC splitters. Our robust and scalable solutions provide high-speed, low-latency data

400G Direct Attach Cables & Active Optical Cables

BlueOptics offers premium 400G Active Optical Cables (AOC) and Direct Attach Copper (DAC) cables, specifically designed for QSFP-DD (Quad Small Form-Factor Pluggable Double Density) and OSFP

Active Optical Cable Market Size & Trends 2025-2035

From 2020 to 2024, the Active Optical Cable (AOC) Market has witnessed sustained growth attributed to the surging need for high-velocity data

Ultimate AOC Cable Guide: Active Optical Cables

Discover how AOC cable (active optical cables) works, benefits, types, and tips for using AOC cable solutions in high-speed systems.

AI Datacenter Optics Market Size and Forecasts 2032

AI datacenter optics encompass optical transceivers, active optical cables, optical engines, co-packaged optics modules, and silicon photonics interconnect solutions deployed within

10m (33ft) Juniper Networks QDD-400G-AOC-10M Compatible 400G

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

Arista 400G Transceivers and Cables: Q& A

What 400G Transceivers and Cables are available from Arista? Arista supports a full range of 400G optical transceivers, Active Optical Cables (AOCs) and Direct Attach Copper cables (DACs) in both

Optical Transceiver Module : Products & Solutions | NEC

Active Optical Cable (AOC) 100G QSFP28 AOC Transmission distance : 1 to 100m
200G QSFP56 AOC Transmission distance : 1 to 100m 400G QSFP-DD AOC

400G Active Optical Cable | For AI and HPC RoCE

What is a 400G AOC cable and how does it work? A 400G Active Optical Cable (AOC) is a pre-assembled, plug-and-play cable assembly used to support 400

400G Qsfp-Dd Aoc 3M 5M 10M Om4 Multimode Precision Elite

Active optical cable Brand Name Unionfiber Place of Origin Guangdong, China
Warranty Time 2 Years Product name AOC Active Optical Cable Cable type AOC DAC
optional AOC DAC Data transfer rate

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

Shop active optical cables from Pivotal Optics for data center & enterprise networks. AOC solutions from 10G to 400G SFP & QSFP. Lightweight, flexible cables!

Understanding Transceiver Types: SFP, QSFP, DAC, AOC, CWDM

Learn the differences between SFP, QSFP, DAC, AOC, CWDM, DWDM, 400G and 800G optical transceivers. A simple guide for networking and data center applications.

Active Optical Cables (AOC) 10G-400G SFP+ QSFP-DD

Integrated optics over multimode fiber deliver distances up to 100m with DDM/DOM monitoring. Available from 10G to 400G for Ethernet, Fiber Channel, and InfiniBand.

BRKOPT-2699

Agenda What is driving the optics interconnect market right now? What does it mean for optics? New speeds & altering priorities New implementations Scaling out 400G, 800G Solutions & options

Contact Us

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