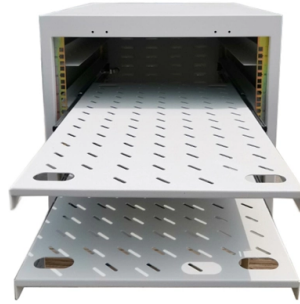


Sri Lanka AOC Active Optical Cable PAM4



Overview

The QSFP56 AOC supports 212.5Gb/s PAM4 with a built-in 200G PAM4 DSP, 4-channel 850nm VCSEL, and PIN photodetector arrays. 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. Each cable integrates eight transmit and eight receive channels operating at 53. It features DDM, operates from 0 to 70°C, and consumes <5W power with TDEC <4. RoHS-6 compliant and available in 1 to 100m lengths, it ensures high-speed, efficient data. HeyOptics 400G QSFP-DD AOC is a QSFP-DD to QSFP-DD active optical cable for short-range data communication and interconnect applications. 5625G baud rate, and up to 100m using. 400GB/S QSFP DD ACTIVE OPTICAL CABLE COMPLIANT TO 26.



Article Content

Jun 30, 2025

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.

Feb 27, 2026

10G SFP+ AOC Cable, 10Gb SFP+ to SFP+ Active Optical Sri Lanka

Shop 10G SFP+ AOC Cable, 10Gb SFP+ to SFP+ Active Optical Fiber Cable, OM3 Multimode MMF Fiber Assemblies with SFP+ connectors for Cisco SFP-10G-AOC5M, Ubiquiti UniFi, Supermicro,

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400G QSFP112 Active Optical Cables, 4x100G PAM4,

FIBERSTAMP GIGALIGHT's 400G QSFP112 AOC is a hot-pluggable active optical cable designed for 400G Ethernet links in data centers. With 100G PAM4 and

Sep 11, 2025

Starview Active Optical Cable (AOC)

Starview Active Optical Cable (AOC), including 400G QSFP-DD AOC, 100G QSFP28 AOC, 40G QSFP AOC, 25G SFP28 AOC, and 10G SFP+ AOC cables.

Oct 21, 2025

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Unveiling the World of Active Optical Cables: A Comprehensive Guide

Explore the world of active optical cables (AOC) in our comprehensive guide. Discover their role in high-speed data transmission for data centers and interconnect applications like HDMI.

Feb 18, 2026

Active Optical Cables

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.

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FLYPROFiber

Shop FLYPROFiber- 10G SFP AOC Cable, SFP to SFP Active Optical Fiber Cable 5m, OM3 MMF Direct-Attach Fiber Assemblies with SFP connectors for Cisco SFP-10G-AOC5M, Ubiquiti UniFi,

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Active Optical Cables (AOC) Explained: Advantages,

Learn AOC advantages and limitations, and how they compare to DAC and optical modules. Includes use cases, deployment tips and FAQs for

Jan 20, 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.

Mar 16, 2026

400G QSFP-DD AOC Active Optical Cable Multimode

HeyOptics 400G QSFP-DD AOC is a QSFP-DD to QSFP-DD active optical cable for short-range data communication and interconnect applications. Each AOC has 8

May 29, 2026

Detailed Guide on AOC (Active Optical Cable): From

What is Active Optical Cable? Active optical cable (AOC) is a fibre optic cabling technology that enables devices to communicate with each other

May 08, 2026

Active Optics Cable Assemblies | TE Connectivity

Greater cable flexibility and longer reach Our active optical cable assembly portfolio provides greater cable flexibility and longer reach, as compared to both traditional passive copper solutions and

Mar 08, 2026

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

Each cable integrates eight transmit and eight receive channels operating at 53.125 Gbps with PAM4 modulation for an aggregate bandwidth of 400 Gbps. Built on reliable 850 nm VCSEL technology and

Jul 09, 2025

50G SFP56 PAM4 Active Optical Cable with FEC (1-50m)

50G SFP56 Active Optical Cable 1m with PAM4 modulation and FEC. 53.125 Gbps, OM4 MMF, DDM monitoring. Ideal for 50G Ethernet data centers.

Aug 16, 2025

Active Optical Cables (AOC)

Our AOC cables and active optical breakout cables are fully tested for optical compliance and system compatibility and backed by our industry-leading Limited

Apr 04, 2026

Aoc Cable | JTOPTICS

JTOPTICS® 400G QSFP-DD AOC (active optical cable) is a 400 Gb/s parallel active optical cable, which transmits parallel 8×50 Gb/s PAM4 signals over multi-mode

Nov 23, 2025

What is a Active Optical Cable (AOC)?

Standard Optic Versus AOC Active Optical Cable Conceptual Model Since active optical cables still require the same copper to photonic conversion at either end, many of the cost savings

Jun 01, 2026

400G QSFP56-DD Active Optical Cables, 8x50G PAM4, 100 Meters

FIBERSTAMP 400G QSFP56-DD AOC active optical cable is used for short-distance interconnection between internal devices in data centers. It complies with IEEE 802.3cm 400GBASE-SR8

Sep 15, 2025

400G QSFP DD Active Optical Cable (AOC)

The QSFP DD AOCs operate up to 26.5625GBd PAM4 modulation and provide solutions up to 400Gb/s aggregate bandwidth, supporting 100 meters over

Sep 20, 2025

10G SFP+ AOC Cable

Shop 10G SFP+ AOC Cable - 10GbE SFP+ to SFP+ Active Optical Fiber Cable, OM3 MMF Direct-attach Fiber Assemblies with SFP+ connectors for Cisco SFP-10G-AOC40M, Ubiquiti UniFi,

Sep 13, 2025

400G OSFP AOC Active Optical Cable (AOC)

400G QSFP AOC is a active optical Cable for short-range data communication and interconnect applications. Each AOC has 8 duplex channels with 448Gb/s

Apr 14, 2026

Spec Sheet

Siemon's 50G per lane PAM4 Ethernet SFP56 Active Optical Cable assemblies (AOCs) are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for

Aug 04, 2025

1m (3ft) NVIDIA/Mellanox Compatible 400G QSFP112 4

NVIDIA/Mellanox Compatible 400G QSFP112 Ethernet AOC (1-meter, QSFP112 to QSFP112) The QSFP-400G-AO01 active optical cable is an 4

Jul 23, 2025

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

Oct 02, 2025

200Gbps QSFP56 ACTIVE OPTICAL CABLE

The QSFP56 AOC supports 212.5Gb/s PAM4 with a built-in 200G PAM4 DSP, 4-channel 850nm VCSEL, and PIN photodetector arrays. It features DDM, operates

Jul 10, 2025

400G QSFP112 AOC

The GIGALIGHT 400G QSFP112 AOC active optical cable is designed for 400G Ethernet links in data centers. It uses 100G PAM4 and VCSEL technology to interconnect up to 425Gbps of data within

Contact Us

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