

AOC Active Optical Cable OSFP France



Overview

Our 400G OSFP to QSFP-DD Active Optical Cable delivers ultra-high-bandwidth connectivity for hyperscale and cloud data centers. Supporting 425 Gbps data rates with lengths from 0.5m to 100m over OM3 multimode fiber, this AOC features integrated DDM/DOM for comprehensive monitoring. This breakout cable is compliant with IEEE 802.0, SFF-8679, SFF-8661, SFF-8636, and CMIS Rev. These AOC assemblies are QSFP DD MSA compliant, also backwards port compatible with. 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. With outstanding data transfer rates and top-notch quality, these cables. The NVIDIA/Mellanox is an 800Gb/s OSFP to 800Gb/s OSFP InfiniBand NDR Active Optical Cable. Using the Form Factor Pluggable OSFP and contains eight high-speed electrical copper pairs, each operating at data rates of up to 100Gb/s.



Article Content

Aug 27, 2025

The Definitive Guide to 800G OSFP/QSFP-DD AOC Cables for

The 800G OSFP/QSFP-DD AOC Cable is an integrated optical transceiver assembly designed for ultra-high-speed short-reach communication. Unlike traditional passive copper cables

Dec 25, 2025

Active Optical Cables

NADDOD offers Active Optical Cable (AOC) with data rates up to 400Gps and link distances ranging from 0.5m to 100m, all at a low cost and power consumption.

Jan 10, 2026

Active Optical Cable | AOC | Active Optic Cables | Optics

We offer a wide range of active optic cable (AOC) solutions to ensure that your company performs at an optimal data rate using the latest technology.

Dec 15, 2025

800G OSFP to OSFP Passive DAC, 2m | Vitex - Vitex LLC

The D8C-P1P002C-AA is a 2m 800G OSFP-to-OSFP passive Direct Attach Copper (DAC) cable for short-reach AI and cloud data center connections inside or between adjacent racks. Both ends use

May 30, 2026

Active Optical Cables (AOC)

Why Choose Active Optical Cables Breakout? AOC Breakout cables are a hybrid construction made with a QSFP+, QSFP28, QSFP56, QSFP-DD, or OSFP optical

May 16, 2026

800G OSFP | Active Optical Cable (AOC)

This cable is compliant with OSFP MSA (Multi-Source Agreement) and IEEE 802.3 standards. AOCs enable higher port bandwidth, density and configurability at a low cost, and reduced power

Mar 02, 2026

800G OSFP AOC Active Optical Cable

TARLUZ 800G OSFP AOC is designed based on IEEE 800GBASE-SR8 standard, it is able to transmit 100m over Multimode fiber, each AOC consists of 8x channels,

Dec 05, 2025

400G OSFP112 Active Optical Cable 15 Meters

AscentOptics' 400Gbps OSFP112 active optical cable can provide new generation performance of OSFP56 by higher data transfer rate. AscentOptics' AOC is a

Aug 21, 2025

MFA7U10-H030-FLT Compatible 30m InfiniBand HDR AOC Splitter Cable

30m MFA7U10-H030-FLT (980-91118-00H030) OSFP to 2xQSFP56 InfiniBand Active Optical Splitter Cable is designed for connecting NDR switch with OSFP cage to legacy 2 HDR switch/HCA QSFP56

Dec 19, 2025

800G OSFP SR4 vs. LR4 | Is the Difference More Than Just

The 100 Gigabit QSFP28 AOC (Active Optical Cable) represents a vital solution for ensuring fast and reliable network performance. In doing so, the 100G QSFP28 AOC has revolutionized fiber optic

Dec 19, 2025

800G Direct Attach Cables & Active Optical Cables

Our 800G QSFP-DD and OSFP DAC (Direct Attach Copper) and AOC (Active Optical Cable) cables offer a high-performance and cost-efficient solution for companies looking to optimize and future

Apr 29, 2026

Active Optical Cable (AOC) | Carritech Optics

Active Optical Cables (AOC) combine the performance of fibre optics with the convenience of fixed cable assemblies. They are the perfect solution for high

Aug 14, 2025

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.

Nov 09, 2025

What are Active Optical Cables (AOCs)?

Read here about the different types of AOC cables used in various applications, how to consider ports and compatibility, and common mistakes to avoid when setting up active optical cables.

Sep 03, 2025

400G OSFP AOC Active Optical Cable

400G OSFP AOC Active Optical Cable is a CZT fiber optic and SFP interconnect product for data center, telecom, and optical networking programs. It is supported by local product imagery. Confirm

Feb 11, 2026

800G OSFP Active Optical Cables | AscentOptics

800G OSFP AOC transmits parallel 8×100 Gb/s PAM4 signals over MMF cables up to 30m, support 8 lanes each at 106.25G/s and overall up to 850Gb/s - AscentOptics.

May 04, 2026

OSFP active optical cables create a scalable 400G foundation in data ...

With 400G readily available for the fiber market (and 800G hot on its heels), laying a scalable yet streamlined foundation on high density OSFP optics has never been more critical for

Oct 15, 2025

15m (49ft) 400G OSFP Finned Top to 2 x 200G QSFP56 Active

This breakout cable is compliant with IEEE 802.3cd, OSFP Rev.5.0, SFF-8679, SFF-8661, SFF-8636, and CMIS Rev.4.0. Thin and lightweight AOC cables simplify cable management, enabling an

Feb 03, 2026

Microsoft and MediaTek to commercialize microLED-based active optical ...

MediaTek and Microsoft Research are collaborating to develop a next-gen microLED-powered Active Optical Cable (AOC) solution. The two companies announced that they expect to

Mar 30, 2026

COMNEN 800G OSFP Active Optical Cable Datasheet

General Description The OSFP-800G-AOC01 is a OSFP to OSFP active optical cable for short-range data communication and interconnect applications. Each AOC has 8 duplex channels with 850Gbit/s

Dec 27, 2025

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

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

Jun 19, 2026

OSFP Active Optical Cables (AOC)

OSFP Active Optical Cables (AOCs) are high-speed interconnects for data centers, supporting up to 800 Gbps. Using the OSFP form factor, they offer low power, high signal integrity, and longer reach than

Sep 27, 2025

SFP+ Cables

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

Sep 01, 2025

800G OSFP to OSFP Active Optical Cable AOC 30m | Vitex

The V8C-P1P030C-AA is a 30m 800G OSFP-to-OSFP Active Optical Cable (AOC) for AI fabric interconnects where short-reach copper is insufficient and modular transceiver flexibility is not

May 16, 2026

800G OSFP112 Active Optical Cables 8x100G PAM4,

FIBERSTAMP 800G OSFP AOC active optical cable is used for short-distance interconnections between equipment within data centers and are compliant with

Jul 14, 2025

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

Aug 19, 2025

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!

Oct 25, 2025

Wholesale Optical Transceivers Module | 100G

Active Optical Cable|High Speed AOC Cable 100G QSFP28 Optic Transceiver Module
OM3 Optical Transceiver Module|100G QSFP28 Fiber Optic Transceiver

Apr 17, 2026

Axiom MFA7U40-H005-AX InfiniBand/fibre optic cable 196.9" (5 m) OSFP

table.generic tr th {background: #eee;}200GBASE-AOC OSFP to 2 QSFP56 Active
Optical Cable Mellanox Compatible 5m Key Features • 100% Guaranteed
Compatibility in all OEM applications •

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

This document is for informational purposes only. Specifications subject to change without notice.

