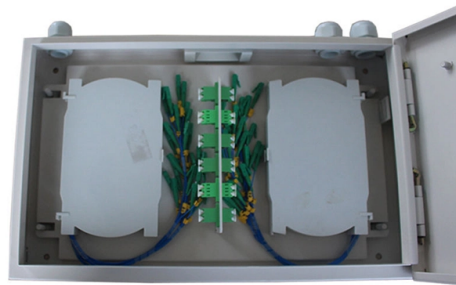


Malta Active Optical Cable QSFP



Overview

The QAOC-10G4F1A is a 40Gb/s, hot pluggable active optical cable for Infiniband and Ethernet data transmission. It provides full duplex, parallel interconnects: 4 transmitting / 4 receiving data lanes and supports distance up to 100 meters. The acronym QSFP stands for Quad Small Formfactor Pluggable, and QSFP is a family of connectors and cable assemblies that share a mating interface. This AOC is compliant with the SFF-8436 QSFP+ MSA standards. It provides a cost-efficient solution as compared to using discrete optical transceivers and optical patch cables and. QSFP cables are high-speed transceiver and cabling solutions that combine four lanes of data transmission in one compact form factor. Originally designed for 40G Ethernet (QSFP+), they have evolved to support 100G, 200G, and 400G speeds with new standards like QSFP28 and QSFP-DD. Built with bonded multi-mode or single-mode fiber, these cables deliver secure, low-latency.



Article Content

Oct 09, 2025

JL287A | HPE QSFP+ AOC | Active Optical

Shop HPE JL287A QSFP+ to QSFP+ Active Optical Cable at NetworkTigers with 40Gbps speed, 7m reach, AOC form factor. Fast shipping, 365-day warranty.

Mar 04, 2026

QSFP+ Active Optical Cable

The QAOC-10G4F1A is a 40Gb/s, hot pluggable active optical cable for Infiniband and Ethernet data transmission. It provides full duplex, parallel interconnects: 4 transmitting / 4 receiving data lanes and

Mar 16, 2026

TE Connectivity

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

Mar 04, 2026

400G OSFP112 to QSFP-DD Active Optical Cable (0.5-100m)

400G OSFP112 to QSFP-DD Active Optical Cable (0.5-100m) - 0.5. High-quality optical transceiver from EDGE Optical Solutions.

Jun 15, 2026

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 traditional passive copper and emerging active copper (ACC/AEC) solutions,

Feb 10, 2026

40G/56G QSFP+ AOC

The QSFP+ AOC - Active Optical Cable is a high performance integrated cable for short-range multi-lane data communication and interconnect applications. It

Aug 27, 2025

QSFP+ Active Optical Cables

QSFP+ to MPO optical cables allow an easy connection to separately installed single-mode fiber through the attached MPO connectors. Both product versions are electrically compliant with the

Jul 25, 2025

Ruijie 10Gtek 40G QSFP+ AOC Cable

Ruijie 10Gtek 40G QSFP+ AOC Cable - 40GBASE Ethernet Active Optical Cable 40G-AOC-5M description Brand :Ruijie Connector Type :Qsfp+ Cable Type :PVC Optical Cable

Dec 13, 2025

All About QSFP Cables, Connectors, and More

QSFP interconnects include direct attach copper (DAC), active optical cables (AOC), optical modules, and active copper cables (ACC). DACs are the

Aug 05, 2025

30m (98ft) Generic Compatible 800G QSFP-DD 8 x 100G PAM4 Active Optical ...

FS offers a 30-meter 800G QSFP-DD active optical cable for 800 Gigabit Ethernet links in data centers. The cable uses 8x100G PAM4 modulation, supports hot-pluggability per QSFP-DD

Jun 01, 2026

Active Optical Cables (AOC)

Overview Molex's Active Optical Cables (AOC) offer significant cost advantages over traditional optical modules. Additionally, AOCs can easily be substituted by

Nov 11, 2025

CAB-Q-S-AOC-3M Arista® Compatible Active Optical Breakout Cable

CAB-Q-S-AOC-3M Arista® Compatible Active Optical Breakout Cable 40GBase QSFP+ to 4x10GBase SFP+ (850nm, MMF, 3m)

Dec 21, 2025

QSFP+ optics and Cables

Active Optical Cables (AOC) QSFP+ to QSFP+ Cables Active Optical Cables are made for data transmission over copper cables. These cables contain four data

Nov 05, 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!

Apr 02, 2026

The Ultimate Guide to QSFP Cables | Types, Benefits & Installation

In this ultimate guide, I'll break down exactly what QSFP cables are, how they compare to SFP and SFP+, how to choose the right type, installation and maintenance best practices, and the

Feb 15, 2026

Active Optical Cable | AOC | Active Optic Cables | Optics

Amphenol offers a wide range of high-performance active optic solutions like Leap On-Board Transceiver, SFP+ cable assembly Mini-SAS HD

Dec 25, 2025

50m (164ft) 40G QSFP+ Active Optical Cable

This AOC is compliant with the SFF-8436 QSFP+ MSA standards. It provides a

Jan 09, 2026

QSFP+ optics and Cables

These cables contain four data lanes in each direction with a total bandwidth of 40Gbps. These types of cables are widely used in data- and telecomcenters for

Jun 02, 2026

Used Cisco QSFP-100G-AOC5M 100GBASE QSFP 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

Jul 27, 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

Jan 25, 2026

200G QSFP-DD to 4x50G SFP56 Active Optical Breakout Cable

200G QSFP-DD to 4x50G SFP56 Active Optical Breakout Cable - 1 meter High-quality optical transceiver from EDGE Optical Solutions.

Dec 20, 2025

Active Optical Cables

Siemon's 50G per lane PAM4 Ethernet or InfiniBand™ QSFP56 Active Optical Cable assemblies (AOCs) are designed to exceed industry standard performance offering a cost-effective, low latency,

Jun 08, 2026

Spec Sheet

QSFP+ 40G Active Optical Cables Siemon option for 40Gb/s high-speed Low data Power with four fiber optic transceivers per end, each operating at data rates from 1 to 10.5 center Active interconnects.

Jan 20, 2026

400G QSFP-DD Active Optical Cables – Proficium

Discover Proficium for connectivity at scale with OEM-compatible optical transceivers, dac cables, active copper cables, active optical cables, and fiber optic cables. View all products now!

Jul 10, 2025

The Ultimate Guide to QSFP Cables

Explore the ultimate guide to QSFP cables. Learn QSFP types, differences from SFP, installation methods, and benefits for high-speed data

Jan 15, 2026

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

Nov 06, 2025

QSFP28 Active Optical Cable | Optical Interconnect

Amphenol's 100G QSFP28 to QSFP28 Active Optical Cable assemblies are a reliable, cost and power efficient, integrated solution which is

Contact Us

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