# Swedish technical support for AOC active optical cable QSFP



## Overview

40G QSFP+ Active Optical Cable (STC-40G-AOC) DatasheetSWEDISH TELECOM OPTO's STC-40G-AOC QSFP+ active optic cables are a high performance, low power consum.

## Key Takeaways

Swedish Telecom Opto provides technical support and product assistance for 40G QSFP+ Active Optical Cables through their website, including quotes, samples, and custom tuning options.

### Product Overview

The 40G QSFP+ Active Optical Cable (AOC) from Swedish Telecom Opto is a hot-pluggable fiber-optic cable assembly with QSFP+ connectors at both ends. It is designed for high-speed, low-latency interconnects in data centers and networking environments, supporting full-duplex 40-gigabit Ethernet connectivity. The cable offers superior flexibility and efficient power usage, and is available in lengths ranging from 1 meter to 50 meters, making it suitable for longer-distance connections compared to direct attach copper cables.

### Technical Features

Data Rate: 40Gb/s aggregate, with four fiber optic transceivers per end operating at up to 10. 325Gb/s each. Compatibility: Works with standard QSFP+ ports and supports Ethernet or InfiniBand protocols.

*© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved*

Flexibility: Lightweight, pre-terminated, and hot-pluggable for easy installation. Applications: Ideal for high-speed data transmission in data centers, high-performance computing, and networking interconnects.

### Obtaining Technical Support

For technical support in Sweden, you can: Visit the Swedish Telecom Opto product page for the 40G QSFP+ AOC, where you can request a quote or sample and inquire about custom tuning. Contact the company directly through their website's contact form or support request options. This is the recommended method for troubleshooting, compatibility questions, or installation guidance.

Provide product details such as cable length, intended use, and connected devices to receive precise technical assistance.

### Additional Considerations

Ensure that your network equipment supports QSFP+ AOC modules and the required data rates. For longer distances or higher bandwidth requirements, Swedish Telecom Opto also offers other AOC solutions, and you may request guidance on custom configurations. Active Optical Cables are sensitive to handling; follow proper installation procedures to avoid damage and maintain performance.

By contacting Swedish Telecom Opto through their official channels, you can access Swedish-specific technical support, including guidance on installation, troubleshooting, and product customization.

## Article Content

40G QSFP+ Active Optical Cable (STC-40G-AOC) Datasheet

SWEDISH TELECOM OPTO''s STC-40G-AOC QSFP+ active optic cables are a high performance, low power consumption, long reach interconnect solution supporting Infini Band

40Gb/s QSFP+ Active Optical Cables (AOC)

Amphenol provides a series of 40G QSFP+optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series.

40G QSFP+ Active Optical Cable

The 40G QSFP+ Active Optical Cable available in lengths from 1m to 50m is designed for high-speed data transmission over longer distances compared to direct attach copper cables.

40Gbps QSFP+ Active Optical Cable QSFP+-AOC

*© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved*

40Gbps QSFP+ Active Optical Cable QSFP+-AOC Features Full duplex 4 channel 850nm parallel active optical cable Transmission data rate up to 10.3Gbit/s per channel

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,

Active Optical Cables (AOC) | High-Speed Connectors | Data Rates

Designed to support data rates from 12G to 400G, AOCs integrate fiber-optic transceivers directly into the cable to provide faster transmission, longer reach, and improved signal integrity

Active Optical Cable (AOC)

10Gtek® AOC is SFP+ MSA compliance, low power consumption and lightweight, which can be used as an alternative solution to SFP+ passive and active copper cables, while providing improved signal

QSFP+ Active Optical Cables

The AOCs offer customers the flexibility of traditional optical modules by interfacing to systems via a standard QSFP MSA connector. QSFP+ to MPO optical cables allow an easy connection to

QSFP-40G-4SAOxxx Data Sheet | FS

The cable contains a QSFP+ module on one end and four separate SFP+ modules at the other ends. Based on FS ''s proven VCSEL array technology and designed with MSA-compliant QSFP+ and

40G QSFP+ Active Optical Cable Datasheet | FS

These AOCs can be used as an alternative solution to QSFP+ passive and active copper cables, while providing improved signal integrity, longer distances, superior electromagnetic immunity and better

Compatible Cisco 1.25G SFP BIDI 20KM suppliers,manufacturers ...

25G SFP28 TO SFP28 Active Optical Cable Supporting 25.78 Gbps data rates over extended distances up to 100 meters with OM4 fiber (70 meters with OM3).

100G QSFP28 to QSFP28 Active Optical Cable (AOC)

Technical Specifications Quad Small Form-factor Pluggable 100G (QSFP28) active optical cable. Active Optical Cable assembly. 100 Gbit/sec line speed. Operating distance of 1 to 100 metres. Low Power

*© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved*

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

QSFP AOC: Active optical cable with QSFP+ module on both ends, mainly for medium to long reach interconnectivity. Multimode QSFP: The MMF type utilizes the MPO fiber connector to

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

Pivotal Optics AOC cables deliver 10G–400G fiber performance up to 50m with low power draw and zero connector cleaning. OEM-compatible, TAA-compliant,

Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD. It explains their technical differences,

PAN-QSFP28-AOC-2M

Product Support This product is 100% compatible with all Palo Alto products that support 100GBASE QSFP28 Active Optical Cables. Rigorous production testing ensures the best out-of-the-box

00YL654 Lenovo 5m DAC 40GbE QSFP+ to QSFP+ Active Optical Network Cable

Buy Lenovo 00YL654 5m 40GbE QSFP+ to QSFP+ active optical cable for datacenter connectivity. In stock at TechAtlantix with fast shipping and enterprise support.

The Ultimate Guide to QSFP Cables: What You.

What is a QSFP Cable? QSFP cables are high-speed transceiver and cabling solutions that combine four lanes of data transmission in one

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

*© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved*

## Contact Us

Continue your research online:

Website: https://kenhardtprimary.co.za
Technical inquiry: https://kenhardtprimary.co.za/project-desk.html
African project coordination: Century City, Cape Town, Western Cape, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved