

Lithuanian Active Optical Module 40G



Overview

The 40G-QSFP-SR-MM850 is aligned to IEEE 40GBASE-SR optical specifications and supports a link length of up to 150 meters over a multimode fiber (MMF) with an MPO connector. The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40Gigabit Ethernet connectivity options for datacenter, high-performance computing networks, enterprise core and distribution layers, and service provider applications. DESIGNED FOR USE IN 40 GIGABIT ETHERNET APPLICATIONS. COMPLIANT WITH THE QSFP MSA AND IEEE 802.3BA. Amphenol provides a series of 40G QSFP+ optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series. This series of products adopts LC or MPO optical port and is. The 40 Gb QSFP+ direct-attach cables are available to provide the following types of connections: Single-connection cables provide a 40 Gb (4 x 10 Gb) bidirectional copper or optical connection between unpopulated QSFP+ ports. These reliable and robust QSFP+ modules support high speed bit rates up to 40Gb/s over link distances up to 10km. Ethernet, Data Centers, Data Center Internal.



Article Content

Oct 15, 2025

40G Optical Transceivers and Cables Portfolio | FS

40GBASE Optical Transceivers and Cables Portfolio Product Overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet

Oct 14, 2025

40G QSFP+ Optical Transceiver Modules | Solid Optics

40G QSFP+ optical transceivers available in multimode (100m & 300m) and single mode options (2km, 10km, 40km) and DAC cables, with a Lifetime Warranty.

Apr 08, 2026

40G QSFP+ Active Optical Cable Datasheet | FS

Description FS QSFP+ Active Optic Cables are a high performance, low power consumption, long reach interconnect solution supporting 40G Ethernet, fiber channel and PCIe. It is compliant with the

Sep 12, 2025

QSFP-40G-LR4-LITE-HW-C ATGBICS | Fiber Optic Transceiver

QSFP-40G-LR4-LITE-HW-C - Transceiver Module Networking, General Purpose 40Gbps 1310nm 3.3V LC Duplex Pluggable, QSFP+ from ATGBICS. View datasheets, pricing and availability from DigiKey

Jul 31, 2025

AOC, DAC, Fiber Optic Transceivers | One-Stop Shop

Fiber Optical Cable OM3 Duplex OM5 Duplex OS2 Simplex MPO-MPO Extension QSA (40G/100G) SFP+/QSFP Extension Loopback SFP+/SFP28 Loopback

Jul 26, 2026

FS 40G Optical Transceiver Datasheet

FS QSFP+ 40G optical transceiver is a low profile, hot-pluggable transceiver used to connect switches, computers, and servers. Compared to CFP (C form-factor pluggable) modules, the

Mar 29, 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.

Apr 18, 2026

40Gb/s QSFP+ Active Optical Cables

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

Apr 20, 2026

RG 40GBASE Series

As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 40G optical modules.

May 21, 2026

Spec Sheet

Regional Availability - Global Siemon 40G QSFP+ Active Optical Cable (AOC) assemblies offer a highly reliable and cost-effective alternative to transceiver assemblies available in lengths ranging from 0.5

Jul 24, 2026

40G QSFP+ Transceiver Modules | Optical Transceivers

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing and data center applications. Click to get

Mar 30, 2026

40G QSFP+ Cable and Transceiver Modules Data Sheet | FS

40G QSFP+ Cable and Transceiver Modules Data Sheet Product overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit

Feb 09, 2026

40Gb/s QSFP+ Active Optical Cables

DESIGNED FOR USE IN 40 GIGABIT ETHERNET APPLICATIONS. COMPLIANT WITH THE QSFP MSA AND IEEE 802.3BA. Amphenol provides a

Mar 26, 2026

40G QSFP Modules-Optical Transceivers

QSFP 40G LR4 The QSFP+ optical module is specifically designed for 40GBASE Ethernet, supporting a throughput of up to 10km over single-mode fiber (SMF) with a wavelength of 1310nm through duplex

Oct 02, 2025

40G Active Optical Cable (AOC) Solution

It is well know that both 40G DAC and 40G QSFP+ module can be also used to achieve 40G short distance interconnection in data center, but 40G

Jan 11, 2026

40G QSFP+ Optical Transceivers Complete Guide

How 40G QSFP+ optical transceivers boost performance in data centers and telecom networks. Learn about types, use cases, and cost-saving benefits.

Jun 12, 2026

40G QSFP Active Optical Cable

40G QSFP to QSFP Active Optical Cable Up to 100M Four channel, full duplex transceiver module 4 high speed full duplex channels 1.06Gb/s to 10.5Gb/s per channel multi-rate capability Low Power

Apr 09, 2026

Cisco 40GBASE QSFP Modules Data Sheet

This module can be used for native 40G optical links over 12-fiber ribbon cables with MPO/MTP connectors or in 4x10G mode with parallel-to-duplex fiber breakout cables for connectivity

Apr 16, 2026

40G Optical Transceiver Modules | Broadex Technologies

Broadex Technologies'' high performance and cost effective 40G Optical Transceiver Modules are built utilizing our innovative COB technology. These

Nov 08, 2025

Pluggable Transceivers Installation Guide

These cables are available in lengths from 0.5 meter to 100 meters and are terminated in connectors that are inserted directly into the QSFP+ or SFP+

May 02, 2026

Custom 40G QSFP+ ER4 Module | 40km APD Receiver

Achieve 40km unamplified spans. Equipped with cooled EML lasers and highly sensitive APD receivers, the 40G QSFP+ ER4 Module secures your long-haul telecom links.

Nov 18, 2025

6 Common 40G QSFP+ Optical Module Models

6, 40G ER4 QSFP + optical module: the center wavelength of 1271nm, 1291nm, 1311nm, 1331nm, duplex LC interface, single mode, support for DDM, the operating temperature of 0 ° C ~ 70

Mar 28, 2026

In-Depth Guide to 40G QSFP+ Optical Modules, DAC,

In data centers and enterprises, 40G QSFP+ series optical transceiver modules are generally used to build 40G network connectivity solutions. The modules most

Jul 11, 2026

40Gbps QSFP+ Optical Modules

40Gbps QSFP+ Optical Modules QSFP-40G-LR4 QSFP-40G-SDLC-PAM QSFP-40G-SR-BD (02311FPA) QSFP-40G-eSR4 QSFP-40G-iSR4 QSFP-40G-LX4 QSFP-40G-ER4 QSFP-40G-LR4

Jul 31, 2025

Hilink Optics QSFP QSPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

Apr 23, 2026

40G Optical Transceivers and Cables Portfolio | FS

It includes 40GBASE QSFP+ modules, 40G Converter modules, 40G DACs/AOCs and their breakout cables. Featured products such as QSFP-SR4-40G modules and QSFP-LR4-40G modules are also

Oct 01, 2025

QSFP+ 40G Optical Transceivers, 40G Fiber Optic Transceiver

40G QSFP+ BIDI optical transceiver module is a pluggable optical transceiver with a duplex LC connector interface for short-reach data communication and interconnect applications using Multi

Contact Us

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