

Congo Active Optical Module 40G



Overview

The QSFP+ module is designed for 40GBASE Ethernet throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. This transceiver complies with QSFP+ MSA and IEEE 802.3ba 40GBASE-LR4 and OTU3 C4S1-2D1 standards. The Cisco® 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider. DESIGNED FOR USE IN 40 GIGABIT ETHERNET APPLICATIONS. 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. Featured products such as QSFP-SR4-40G modules and QSFP-LR4-40G modules are also available for choice.



Article Content

Hot

What 40G QSFP+ Optical Module, DAC, AOC is Best

The 40G network connection technology solution includes 40G QSFP+ series optical modules. Among them, the most common ones are 40GBASE-LR4

Jan 29, 2026 Hot

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

40G optical modules are increasingly widely used in data centers. 40G optical modules can reach up to 40Gbps to help data centers relieve operational

Apr 03, 2026 Hot

QSFP-40G-LR4: QSFP+ 40G LR4 Optical Module

Explore the QSFP-40G-LR4 a 40G LR4 single-mode module with CWDM for 10Km extension. Cisco compatible - buy now for high-bandwidth networks!

Mar 13, 2026 Hot

Cisco 40GBASE QSFP Modules Data Sheet

QSFP-40G-SR4-S does not support FCoE. Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and 150 meters, respectively, on laser

Oct 18, 2025 Hot

QSFP-40G-LR4 40Gbps QSFP+ Transceiver, SM,

The QSFP+ LR4 transceivers are high performance, cost effective modules supporting data rate of 40Gbps and 10km transmission distance with SMF.

Jun 19, 2026 Hot

40Gb/s QSFP+ Active Optical Cables

Amphenol provides a series of 40G QSFP& #43;optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series.

Sep 19, 2025 Hot

40G QSFP+

40G QSFP+ and Related Products. 40G QSFP+ QSFP plus is a 40G optical module package defined by the IEEE organization, which greatly meets the market

May 07, 2026 Hot

the republic of Congo FS QSFP-LR4-40G SMF Optical Transceiver Module ...

FS QSFP-LR4-40G Compatible LINK-PP LQ-CW40-LR4C 40Gbps LR4 QSFP+ 1310nm 10km SMF Optical Transceiver Module DOM Duplex LC□40Gbps,1310nm,10km□ The QSFP+ module is

Nov 22, 2025 Hot

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+ cages

Jan 29, 2026 Hot

Luxtera Introduces Industry's First 40G Optical Active Cable, World's ...

Carlsbad, CA — Luxtera Inc., the world leader in Silicon Photonics, recently announced the industry's first 40 Gigabit optical active cable (OAC), Blazar, which is also the world's first CMOS

Sep 14, 2025 Hot

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

Mar 27, 2026 Hot

40G Optical Transceivers and Cables Portfolio | FS

The series of product adopts LC or MTP/MPO connector and operates over Single Mode or Multimode optical fiber. They can be used for connections from 150m up to 40km and are suitable for 40G

Feb 16, 2026 Hot

40G QSFP+ Active Optical Cables | Gigalight

Description The Gigalight 40G QSFP+ Active Optic Cables (AOCs) are direct-attach fiber assemblies with QSFP+ connectors, compliant with the QSFP MSA, 40G Ethernet IEEE 802.3ba 40GBASE

May 19, 2026 Hot

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

Mar 15, 2026 Hot

the republic of Congo FS QSFP-LR4-40G SMF Optical Transceiver

The QSFP+ module is designed for 40GBASE Ethernet throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. This transceiver complies with

Sep 03, 2025 Hot

40G QSFP+ Active Optical Cables | AscentOptics

40G QSFP+ AOC (Active Optical Cable) cables are compliant with 40G QSFP+ MSA, they are designed to support 40G Ethernet and InfiniBand SDR/DDR/QDR. The 40G QSFP+ AOC integrated 4x10Gb/s

Jul 12, 2025 Hot

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

Sep 30, 2025 Hot

the republic of Congo IBM Lenovo 00D6222 SMF Optical Transceiver Module ...

IBM 00D6222 Compatible LINK-PP LQ-CW40-LR4C 40Gbps LR4 QSFP+ 1310nm 10km SMF Optical Transceiver Module DOM Duplex LC 40Gbps,1310nm,10km The QSFP+ module is designed for

Dec 17, 2025 Hot

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and 150 meters, respectively, on laser-optimized OM3 and OM4 multimode fibers. It primarily enables

Mar 22, 2026 Hot

Spec Sheet

AOC's QSFP+ offer customers flexibility of traditional optical modules by interfacing to systems via a standard InfiniBand, Ethernet, Fiber Channel and other applications.

May 06, 2026 Hot

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.

Jul 22, 2025 Hot

QSFP+ 40G transceivers

The newest wide adopted high speed interface for optical transceivers is the QSFP+ (Quad SFP+) that offers aggregated optical speeds of 40G. This is possible by

May 15, 2026 Hot

Luxtera unveils first CMOS photonics product, a 40G optical active ...

August 14, 2007, Carlsbad, CA --Luxtera has unveiled what it says is the world's first CMOS photonics-product--a 40 Gbit optical active cable. Dubbed Blazar, the cable contains monolithically integrated

Nov 03, 2025 Hot

QSFP+ 40G ZR4 Optical Transceiver Module 80km

Asterfusion 40G QSFP+ ZR4 optical transceiver modules support 40GBASE-ZR4 Ethernet. QSFP+ 40G 80km optical modules are designed for Ethernet,

Jan 02, 2026 Hot

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

Aug 09, 2025 Hot

40G QSFP+

The 40G QSFP+ optical module is a high-performance, low-power optical fiber communication device that supports data transfer rates up to 40Gbps.

Aug 20, 2025 Hot

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

Feb 27, 2026 Hot

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

Dec 02, 2025

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