

Jamaica Active Optical Module 40G



Overview

They can be used for connections from 150m up to 40km and are suitable for 40G Ethernet or Breakout to 10GBASE-SR Ethernet or Optical Transport Network OTU3 applications. $\leq 4\text{m}$ cable length is required if QSFP+ to SFP+ Converter Module is applied with 10G passive DAC. 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. The Juniper Networks JNP-40G-AOC-30M Compatible QSFP+ Active Optical Cables is a direct-attach fiber with QSFP+ connectors and operates over Multi-Mode Fiber (MMF). This AOC is compliant with the SFF-8436 QSFP+ MSA standards. Featured products such as QSFP-SR4-40G modules and QSFP-LR4-40G modules are also available for choice. 40G QSFP+ Transceiver Module Series include SR4, BIDI, CSR4, PIR4, LX4, IR4, LR4, PLR4 and ER4. 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. Engineered for reliability and scalability, these transceivers ensure efficient and seamless communication across various network infrastructures.

Article Content

Feb 20, 2026

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

Aug 06, 2025

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

Aug 02, 2025

JTOPTICS 40G Transceivers | High-Performance 40G Solutions

40G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks, and telecom applications. Engineered for reliability and scalability,

Mar 16, 2026

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!

Jun 29, 2025

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

Mar 02, 2026

Ciena details WaveLogic coherent optical processors for 40G/100G

Ciena says it currently has 40G or 100G coherent deployments with more than 70 service providers and network operators, representing more than 5,565,000 coherent km of infrastructure.

Oct 24, 2025

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,

Apr 16, 2026

JNP-40G-AOC-20M Overview | Juniper Networks Pathfinder

Home All Categories Transceivers JNP-40G-AOC-20M 40G active optical cable for 20M Overview Specifications Supported Platforms Supported Interface Modules How to Buy PDF

Apr 10, 2026

40G QSFP+ to 4 x 10G SFP+ Active Optical Breakout Cable

Active optical cable (AOC) uses electrical-to-optical conversion on the cable ends to improve speed and distance performance of the cable without sacrificing compatibility with standard electrical interfaces.

May 01, 2026

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

Apr 05, 2026

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

Jun 23, 2026

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

Jul 06, 2025

MSA Uncoded 15m/49.2ft 40G QSFP+ to QSFP+ AOC

MSA Uncoded 15m/49.2ft 40G QSFP+ to QSFP+ AOC Cable - 40 GbE QSFP+ Active Optical Fiber - 40 Gbps QSFP Plus/Transceiver Module Cable Learn why

Jan 05, 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.

Feb 20, 2026

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

Mar 02, 2026

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.

May 09, 2026

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 30, 2026

JNP-40G-AOC-10M

Product Support This product is 100% compatible with all Juniper products that support 40GBASE QSFP+ Active Optical Cables. Rigorous production testing

Jan 23, 2026

Axiom JNP-40G-AOC-10M-AX 10M 40GBASE-AOC Active Optical Cable

Operating over 850nm wavelength multi-mode fiber, the JNP-40G-AOC-10M-AX supports 40Gbps data rates, facilitating rapid data transfers across switches, routers, and servers. The active optical design

Nov 10, 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.

Dec 06, 2025

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

Feb 25, 2026

40G Optical Transceivers and Cables Portfolio | FS

The 40G transceiver module portfolio offers customers 40Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service

May 02, 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

Mar 25, 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.

Apr 21, 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

Mar 02, 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

Mar 15, 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.

Nov 08, 2025

JUNIPER JNP-40G-AOC-10M

With a data transfer rate of 5 Gbit/s, this cable supports swift and stable communication between network components, enhancing overall operational efficiency. Its male-to-male QSFP configuration

Contact Us

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