

Delivery time available for pluggable optical module 40G



Overview

40G QSFP ER4 is a 4x10G hot pluggable optical transceiver. The Sourcelight Technology enables the integration of 4 transmitters, 4 receivers and an optical MUX/DeMUX into a small form factor package that delivers a 40Gbps data link in a compact QSFP footprint. 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. It includes 40GBASE QSFP+. Webex spaces will be moderated by the speaker until June 13, 2025. Are pluggable optics dead or alive for the AI era?

Are pluggables relevant in the AI era?

Majority of the switch ports in AI back-end Networks to be 800 Gbps in 2025 and 1600 Gbps in 2027, showing a very fast migration to the. 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 00networks, enterprise core and distribution layers, and service provider. While the industry-standard OSFP (Octal Small Form-Factor Pluggable) module has successfully enabled 400Gbps, 800Gbps, and 1. 8Tbps of switching. Part numbers: 10319, 40G-SR4-QSFP150M, 40G-SR4-QSFP150M-NT, AA1404005-E6 The SR4 QSFP+ module provides a 40 Gb optical connection using MTP ® (MPO) optical connectors over four pairs of parallel multimode fiber.



Article Content

Hot

400G, 800G, and Terabit Pluggable Optics:

Equipment and electrical serdes can evolve through 3 generations (25 Gb/s, 50 Gb/s or 100 Gb/s) without changing the optical interface that interconnects your equipment.

Jan 18, 2026 Hot

Pluggable Transceivers Installation Guide

This optical module integrates four data lanes in each direction with 40 Gbps aggregate bandwidth. Each lane can operate at 10.3125 Gbps up to 100 meters using OM3 fiber or up to 150 meters using

Jan 24, 2026 Hot

small form factor pluggable module 40G

Part No. SLT0QPS4040GT85C QSFP28 SR4 40G The SULITON Transceiver module 40G is an enhanced QSFP28 fiber optic transceiver supporting transmission at 40 Gb/s up to 150m over OM4

Jul 02, 2025 Hot

40G QSFP+ 100km Optical Transceiver with DDM for Ethernet

The HL-QSFP-40G-ZR4 is a transceiver module designed for 100km optical communication applications. The design is compliant to 40GBASE-EZR4 of the IEEE P802.3ba standard.

Jan 18, 2026 Hot

Cisco QSFP-40G-LR4 Compatible 40GBASE-LR4

Besides, the quad small form-factor pluggable (QSFP) LR4 optic is compatible with brand equipment (Ethernet switches, routers, and NICs). The 3rd-party 40G

May 09, 2026 Hot

QSFP+ 40G LR4 Explained: Your Ultimate Guide to 40G

This guide will demystify the 40G LR4 QSFP+, exploring its technology, advantages, and how to select the best one for your infrastructure.

Feb 06, 2026 Hot

Pluggable Optical Modules – GIGALIGHT

The optical amplifier module developed by GIGALIGHT is designed for long-distance transmission systems in digital optical fiber communication. It is specifically designed to work in conjunction with

Mar 22, 2026 Hot

1.6T Optical Module Market Research Report 2023

According to our latest research, the global 1.6T optical module market size reached USD 1.14 billion in 2024, driven by the surging demand for high-speed data transmission across data centers and

Jul 02, 2025 Hot

Innovation Trends in OSFP Optical Module: Market

OSFP Optical Module Company Market Share OSFP Optical Module Concentration & Characteristics The OSFP (Octal Small Form-factor Pluggable) optical module

Jul 08, 2025 Hot

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 02, 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

Nov 10, 2025 Hot

Optical Modules Market Size, Growth Trends & Forecast

These modules serve as critical interfaces between optical fibers and electronic systems, converting electrical signals into optical signals and vice

Jul 04, 2025 Hot

Cisco C9610 Series Smart Switches Data Sheet

This data sheet provides detailed information about Cisco C9610 Series Smart Switches including chassis, line cards, supervisor engines, power

Feb 14, 2026 Hot

How 400G Optical Modules Are Shaping Next-Gen

Discover key factors driving the rapid adoption of 400G optical transceivers, including AI, 5G, coherent optics, and market trends shaping next

May 24, 2026 Hot

400G, 800G, and Terabit Pluggable Optics:

400G, 800G, and Terabit Pluggable Optics: What You Need to Know

Jul 29, 2025 Hot

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

Dec 12, 2025 Hot

QSFP 100G DR Guide for High-Speed Data Center Connectivity

A QSFP 100G DR transceiver is a hot-pluggable optical module designed to deliver 100 Gigabit Ethernet connectivity over single-mode fiber (SMF). The term can be broken down as follows:

Apr 23, 2026 Hot

40G QSFP+ Modules: Specs, Types & Selection Guide

A 40G QSFP+ (Quad Small Form-factor Pluggable Plus) module is a compact, hot-pluggable optical/electrical transceiver that delivers 40 Gbps by aggregating four independent full-duplex lanes

Sep 21, 2025 Hot

British Telecom, Others Adopt New IP Network Tech

800G QSFP-DD interface ports are backward compatible, which allows operators to seamlessly scale link bandwidth from 40G to 100G, 200G,

Dec 17, 2025 Hot

Optical Module Package Market 2025

South America In South America, the Optical Module Package market is in a nascent growth phase, with Brazil leading in telecommunication infrastructure upgrades. Demand is concentrated in urban

Feb 23, 2026 Hot

Huawei S6720S-26Q-EI-24S-AC: High-Density 10GbE and 40GbE

The "24S" designation indicates 24 slots for SFP+ (Small Form-factor Pluggable Plus) modules, which support 1GbE or 10GbE optical and copper connections. The "26Q" nomenclature

Aug 05, 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,

Feb 09, 2026 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

Aug 31, 2025 Hot

XPO: Redefining Pluggable Optics for AI Networking

XPO represents a new class of optical pluggable module designed specifically for next-generation AI data center fabrics. Each XPO module delivers 12.8Tbps of bandwidth using 64 electrical lanes and

Dec 24, 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

Nov 21, 2025 Hot

Introduction to 40GBASE QSFP+ Optical Modules

40GBASE Optical modules are various of optical transceivers with 40Gbps transmission rate, in which the QSFP is the main form factor. And the 40G

Sep 11, 2025 Hot

What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

An SFP (Small Form-factor Pluggable) is a compact, hot-pluggable transceiver module that allows networking equipment — including switches, routers, servers, and media converters — to

Jun 04, 2026 Hot

40G QSFP+ BIDI LR4 10km 1310nm LC Connector

The Sourcelight Technology enables the integration of 4 transmitters, 4 receivers and an optical MUX/DeMUX into a small form factor package that delivers a 40Gbps

Feb 08, 2026

Contact Us

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