

# 410ge optical module



## Overview

Finisar's FTL4C3QE1C QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links over duplex multimode or single mode fiber. 3ba 40GBASE-LR43 referred to as LM4. If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission distance is only 20km due to different specifications such as wavelength and receiving sensitivity. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. They are compliant with the QSFP+ MSA1,2 and represent a multimode adaptation of IEEE 802. Digital diagnostics functions are available via an I2C interface, as specified by the QSFP+ MSA. The optical. Integrated circuits and reference designs help you create a smaller and faster optical module design used in high-bandwidth data communication applications. Whether you are creating a 100-Gbps or 400-Gbps, small form-factor pluggable (SFP) module, SFP+ transceiver, XFP module, CFP, X2/XENPAK module. Our Compatible Finisar FTL410QE2C QSFP+ transceiver is based on our 40G-QSFP-150 product, which has the same parameters and is manufactured in accordance with the same industry standards as its OEM counterpart. Our compatible module version is designed for operation over a Double Fiber Multi-Mode. The FiberStamp 40GE/OTU3 QSFP+ PSM4 1310nm 10km Optical Transceiver Module is a high performance, low power consumption, long reach interconnect solution supporting 40G Ethernet, fiber channel and PCIe. QSFP PSM LR4 is an assembly of 4 full-duplex.

## Article Content

Jun 16, 2026

### Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission capabilities. Optical transceivers

Oct 20, 2025

### Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

Nov 06, 2025

### Siemens SIMATIC CPU 410 Controller Manuals

Siemens SIMATIC CPU 410 Controller Pdf User Manuals. View online or download Siemens SIMATIC CPU 410 Controller System Manual

Feb 17, 2026

### 40GE/OTU3 QSFP+ PSM4 1310nm 10km Optical Transceiver Module

The FiberStamp 40GE/OTU3 QSFP+ PSM4 1310nm 10km Optical Transceiver Module is a high performance, low power consumption, long reach interconnect solution supporting 40G Ethernet,

Mar 27, 2026

### Juniper QSFP-4X10GE-LR 4x10GBASE QSFP+ LR Module | FiberMall

The 40G QSFP+ LR4 is a transceiver module designed for 10km optical communication applications. The design is compliant with 40GBASE-LR4 of the IEEE802.3ba standard. The module converts 4

Aug 29, 2025

### Finisar-FTL4C3QE1C-40GE-Universal-LM4-QSFP+-Optical

Finisar's FTL4C3QE1C QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links over duplex multimode or single mode fiber. They are compliant with the QSFP+ MSA1,2 and

Jul 20, 2025

### FTL410QE2C Finisar Compatible 40G-SR4 QSFP+Gen2 Module

Our Finisar FTL410QE2C compatible transceiver uses a high-quality VSCEL Laser transmitter operating at 850 nm nominal wavelength and a 850 nm PIN Photodiode receiver. This module supports

Mar 06, 2026

Optical module design resources | TI

Design requirements Modern optical module designs often require: Reduced power consumption to control and limit module temperature rise. Dynamic and precise control of laser diodes to regulate

Oct 08, 2025

Cisco QSFP-40GE-LR4 Compatible 40GBASE-LR4

Cisco QSFP-40GE-LR4 Compatible QSFP+ optical transceiver modules from QSFPTK equipped with LC duplex connectors that can transmit 10km through

Apr 04, 2026

10GE SFP+ Optical Modules

This document describes all the configuration commands of the device, including the command function, format, parameters, views, default level, usage guidelines, examples, and related commands.

May 18, 2026

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and

Aug 16, 2025

100GE/OTU4 CFP4 LR4 1310nm 10km Optical Transceiver Module

The FiberStamp 100GE/OTU4 CFP4 LR4 1310nm 10km Optical Transceiver Module is designed for use in 100 Gigabit Ethernet links and 4x28G OTN client interfaces over single mode fiber.

Aug 18, 2025

Herko Fuel Pump Module 410GE For Suzuki Forenza Reno 2.0L 2004

Find many great new & used options and get the best deals for Herko Fuel Pump Module 410GE For Suzuki Forenza Reno 2.0L 2004-2008 Long Life at the best online prices at eBay! Free

Dec 22, 2025

Replacement of failed

Two types of synchronization modules are available: Synchronization modules for synchronization cables up to 10 meters long Synchronization modules for synchronization cables up to 10 kilometers

Jul 07, 2025

SFP 10GE Transceiver Module: Unlocking High-Speed Optical

The SFP 10GE transceiver module is the backbone of modern networking systems. It integrates high-speed optical connectivity, which is necessary for industry-wide applications. It single

Jul 14, 2025

Huawei eKitEngine Optical Module Datasheet

Huawei eKit offers a comprehensive series of pluggable optical modules in the Huawei eKit portfolio. The wide variety of. modules gives you flexible and plug

Jul 09, 2025

Herko Automotive 410GE

Find many great new & used options and get the best deals for Herko Automotive 410GE - Fuel Pump Module Assembly at the best online prices at eBay! Free shipping for many products!

Sep 13, 2025

PCS 7 CPU 410E F. S7-400/S7-400H/F/FH

6ES7410-5HM08-0AB0 PCS 7 CPU 410E F. S7-400/S7-400H/F/FH SIMATIC CPU 410E Process Automation, central unit for S7-400 and S7-400H/F/FH; 5

Dec 01, 2025

Motic® BA410 Elite Biological Light Microscope

The Motic ® BA410 Elite with CCIS ® optics allow new accessories and functions to be incorporated in the BA410 Elite series microscope. The CCIS ® (Color

May 14, 2026

40GE Multi-rate QSFP+ Optical Transceiver Module -

Digital diagnostics functions are available via an I2C interface, as specified by the

Dec 18, 2025

BA410E | Motic Microscopes

The BA410E is Motic's flagship model, and it displays the highest level of optical performance. With a complete set of EC-H Plan Apochromatic lenses, BA410E

Jul 25, 2025

### Understanding the 400G QSFP112 Optical Transceiver

Explore the key features, application scenarios, and module types of 400G QSFP112 optical transceivers. They're designed to enable high-speed, low

Nov 19, 2025

### Types of Optical Modules

Therefore, when using such optical modules, select optical fibers of an appropriate length to ensure that the actual receive power is smaller than the overload power. If the optical fibers connected to a long

Nov 17, 2025

### CPU 410-5H Process Automation V10

The fiber-optic cables connect the synchronization modules for redundancy coupling between the two CPUs. Interconnect the upper and lower synchronization modules in pairs.

Jul 13, 2025

### 10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

Oct 20, 2025

### Implementation of advanced 10Gb/s optical transceiver module

This paper deals with the implementation of advanced 10 Gb/s optical transceiver module. Highly integrated functions such as multi-rate, system managed and optical diagnostic mode

Jan 11, 2026

### 10Gb/s SFP+ 1550nm 40KM with CDR Optical Transceiver Module

10Gb/s SFP+ 1550nm 40KM with CDR Optical Transceiver Module Product description: ACS-10GE-ER-C transceiver is designed for use in 10-Gigabit Ethernet links up to 40km over single mode fiber.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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