

# Wholesale 40G Tunable Optical Module



## Overview

Optical module is actually a device that can convert electrical signals into optical signals, thereby speeding up data transmission efficiency. It is mainly composed of: electrical chips, optical chips and optical components. In sum. Optical module is actually a device that can convert electrical signals into optical signals, thereby speeding up data transmission efficiency. It is mainly composed of: electrical chips, optical chips and optical components. In summary, optical transceivers are efficient data transmission devices. With the rapid development of artificial intelligence. Fiber optic transceiver are divided into the following common types according to the packaging form: SFP, SFP+, SFP28, QSFP+, QSFP28 and QSFP-DD. With the development of optical fiber communication technology, optical modules have been widely used in data centers, telecommunications networks and fiber-to-the-home (FTTH) area to connect servers, stor. AOCs are great for high-speed transmission and bandwidth because they can use light to transfer data, which is much faster than copper cables. The optical fibers in AOC cable can handle large amounts of data up to over 100 Gbps without losing or damaging the signal over long distances. This high capacity for quickly transmitting large amounts of in. The direct attach copper cable is suitable for short-distance wiring in data centers, has a wide range of applications, such as high-speed data transmission between switches, routers, and servers; interconnecting data centers. The internal material of the high-speed DAC cable is copper core, which has good natural heat dissipation effect and is ener.

## Article Content

Oct 24, 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

May 21, 2026

### 10-800G Optical Transceiver | Wholesale Optical

Wholesale 10G-800G optical transceivers by Fibrecross: high-performance, cost-effective modules with dedicated support for data centers infrastructures.

Jun 29, 2025

### 40G QSFP+ TRANSCEIVERS | Smartoptics

With Smartoptics transponders, QSFP+ transceivers support breakout configurations, making it possible to repurpose a 40G port for multiple 10G connections. Many networks today jump directly from 10G

Sep 29, 2025

### CFP-40G-LR4 Optical Transceiver Module

The CFP Multi-Source Agreement (MSA) defines hot-pluggable optical transceiver form factors to enable 40Gb/s and 100Gb/s applications, including next

Dec 29, 2025

### Cisco QSFP-40G-LR4-20 Kompatibles 40GBASE-ELR4

The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to

Dec 26, 2025

### 40G 100G Optical Transceiver Modules | AscentOptics

40G 100G Transceivers are optical modules that support 40 Gigabit Ethernet and 100 Gigabit Ethernet connectivity over fiber optic cables - AscentOptics.

Mar 24, 2026

### Optical Transceiver Module Wholesale,10g/25g/40g/100g SFP+ Optical ...

Fiber optic module manufacturer,ETU-Link supply full model optical transceivers,including standard 8g/10g/25g/40g/100g sfp+ optical modules and copper RJ45 transceiver,wholesale at factory price!

May 05, 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

May 19, 2026

#### Optical Transceiver Module

Fiber optic module manufacturer,ETU-Link supply full model optical transceivers,including standard 8g/10g/25g/40g/100g sfp+ optical modules and

Feb 21, 2026

#### 40G QSFP+ ER4 DML CWDM4 40km Optical Transceiver

GIGALIGHT 40G QSFP+ ER4 optical transceiver module is designed for long-distance interconnections in data centers. It complies with the IEEE 802.3bm 40GBASE-ER4 Ethernet transmission protocol

Sep 19, 2025

#### VC-40GQSFP-DWxx-80 40G QSFP+ DWDM 80km

The VC-40GQSFP-DWxx-80 is a transceiver module designed for 80km optical communication applications. The design is compliant to 40GBASE-ZR4 of the

Jul 22, 2025

#### Wholesale 40G QSFP+Optical Transceiver | China Factory

Buy factory-tested 40G QSFP+ optical transceivers module (SR4, LR4, ER4). MPO/LC versions, DDM support, vendor compatibility lists and datasheets available.

Jun 26, 2025

#### Cisco 40 Gigabit Modules

Cisco's Transceiver Module Group delivers industry-leading, standards-compliant 40 Gigabit pluggable transceiver modules.

May 06, 2026

#### 40G QSFP+ LR4 10km Optical Transceiver

40G QSFP+ LR4 10km Optical Transceiver QQS-SPO400-LR4CB Features Transmission data rate up to 10.3125Gbps per channel QSFP+ MSA compliant

Dec 24, 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

Aug 23, 2025

## 40G IQ Optical Transmitter Module

The 40G IQ optical transmitter module comprises Ti:LiNbO<sub>3</sub> QPSK Dual-Drive Mach-Zehnder modulator, Dual Input 28Gb/s Broadband 8V Lithium Niobate Modulator Driver amplifier and bias

Jul 28, 2025

## 40G QSFP Optical Transceiver

T1-QSFP-40G-DWDM-C-XX's pluggable optical transceiver modules are designed for multiple 40GE links up to 80km distance over standard G.652 single-mode

Jul 02, 2025

## Optical Transceivers

GBICS Codable 40GBASE QSFP+ Optical Transceivers. Multi-vendor coding options available for your 40GB Ethernet requirements. Available in Multimode, Single Mode, Extended Range & Long Reach

Jul 17, 2025

## 40G QSFP+ - Optcore

40G QSFP Transceiver 40G QSFP transceiver is a Quad Small Form-Factor Pluggable module for 40G connectivity in data centers, campuses, and

Sep 11, 2025

## 40G Tunable XFP Transceiver, 6.21 mi Range, High

This high-speed tunable XFP transceiver offers 10.3125 Gb/s with a 6.21 mi reach, ensuring reliable connectivity and low power consumption.

Jan 18, 2026

## 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.

May 11, 2026

## 40G QSFP+

The 40g QSFP+ modules produced by SULITON are suitable for most switch brands on the market, such as MSA, Cisco, Huawei, Juniper, Dell, Edge-Core and other

May 19, 2026

#### 6 Common 40G QSFP+ Optical Module Models

1, 40G SR4 QSFP + optical module: the center wavelength of 850nm, MPO / MTP interface, multi-mode, support for DDM, the operating temperature of 0 ° C ~ 70 ° C, transmit optical

Aug 18, 2025

#### 10Gb/s Tunable DWDM 50GHZ XFP 40km Optical

10Gb/s Tunable DWDM (Full C-band Wavelength, 50 GHz ITU grid) XFP 40km Optical Transceiver Module The Optcore tunable 10Gb/s XFP transceiver is a

Jul 16, 2025

#### Panduit Cable Ordering Guide For Cisco 40G Optics

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

## Contact Us

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

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