

# Uzbekistan OSFP optical module 40G



## Overview

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 Ethernet to Breakout to 10GBASE-SR Ethernet or Optical Transport Network OTU3. 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 40G transceiver module 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 applications. It includes 40GBASE QSFP+. QSFP (Quad Small Form-Factor Pluggable) optical modules emerged to meet this demand, becoming a pivotal technology for data center interconnects due to their compact size and exceptional performance. This cabling guide provides the component information necessary to work with 40G, 100G, and 400G transceivers and breakout options within. Eoptolink offers best in class QSFP-DD800 and OSFP pluggable transceivers for 2x400G and 800G optical transmission systems, datacenter applications. Home Who We Are About Us Certifications and Policies Corporate Social Responsibility Our Solutions Optical Transceivers 800G OSFP/QSFP-DD 400G QSFP-DD/QSFP112 200G QSFP56 100G QSFP28 40G QSFP+ 25G SFP28 12G SDI 10G SFP+ SFP 1G/155M.

## Article Content

Generic QSFP-40G-ZR4 40GBASE-ZR4 QSFP

Generic QSFP-40G-ZR4 Compatible 40GBASE-ZR4 QSFP+ optical transceiver provides 40Gbe links up to 80km over OS2 at 1310nm using LC

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 40Gigabit Ethernet

Optical Transceiver Module

Q9: What is 400G OSFP? A9: The OSFP (Octal Small Form-factor Pluggable) is a 400G optical module standard with 8 electrical channels, designed for high-speed

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

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

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

Product solutions

We produce 40G series optical transceivers both in QSFP+ and CFP form factors up to 40km distance reach. We are proud to offer complete range of 25G industrial grade transceiver range, both duplex,

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

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.

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 and data center applications. [Click to get](#)

[QSFP Optical Module Guide: 40G to 800G Evolution & Selection](#)

The definitive guide to the QSFP optical module series (40G, 100G, 400G, 800G). Learn the technical differences, evolution path, and optimal selection criteria for QSFP+, QSFP28, QSFP

[QSFP 40G 80km: Complete Guide to 40G Long-Distance Optics](#)

This guide explains what QSFP 40G 80km modules are, how they work, their key specifications, and when they are the right choice for long-distance optical networking.

[400G OSFP Optical Transceiver Modules | AscentOptics](#)

400G OSFP Transceivers: 8x50G electrical channels supporting 32 ports/1U, compatible with 800G and 100G QSFP, compliant with IEEE 802.3bs and OSFP MSA - AscentOptics.

[An overview of 400G OSFP Optical Transceiver](#)

Conclusion 400G OSFP transceiver provides a good solution for 400Gbps optical deployments in data centers and broadband access connectivity. More and more 400G OSFP

[Optical Module Package Market 2025](#)

Optical Module Package Market was valued at 8942 million in 2024 and is projected to reach US\$ 20220 million by 2032, at a CAGR of 12.7%

[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

[QSFP-40G-LR4 40Gbps QSFP+ Transceiver, SM,](#)

[QSFP-40G-LR4 40Gbps QSFP+ LR4 Transceiver, SM, 1310nm, 10KM Features High Channel Capacity: 40 Gbps per module Transmission data rate up to](#)

[40G QSFP+ Transceiver Modules | Optical Transceivers](#)

[Click to get your 40G QSFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.](#)

[Understanding the OSFP Standard: The Open 400G/800G Optical](#)

Learn how OSFP (Octal Small Form Factor Pluggable) enables scalable 400G and 800G Ethernet connectivity with superior thermal design, power efficiency, and compatibility.

#### Corning 40G/100G/400G/800G Cabling Guide

This cabling guide provides the component information necessary to work with 40G, 100G, and 400G transceivers and breakout options within the same rack or row and across the data

#### 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

#### Optical Bypass Modules

A specialized manufacturer and supplier of Optical Bypass Modules in Taiwan. Welcome to visit our website to browse more Optical Bypass Modules relative products.

#### 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,

#### 40G Optical Transceivers and Cables Portfolio | FS

It includes 40GBASE QSFP+ modules, 40G Converter modules, 40G DACs/AOCs and their breakout cables. Featured products such as QSFP-SR4-40G modules and QSFP-LR4-40G modules are also

#### Wholesale Optical Transceivers Module | 100G

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

#### Introduction to 400G Optical Modules · KAD

A clear, engineer-friendly overview of 400G optical modules, including standards, packaging formats, functions, and market outlook for next-generation

#### 40G QSFP+ ZR4 DWDM4 80km Optical Transceiver

40G QSFP DWDM ZR4 is a transceiver module designed for 80km optical communication applications, a duplex LC connector for the optical interface -

#### 400G optical transceivers: detailed introduction |FiberMall

Compared with 10G, 25G, 40G, 100G optical modules, the arrival of 400G optical modules will bring optical communication into a new era. In the

## Contact Us

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

Website: <https://fivesunsecoenergy.fr>

Email: [sales@fivesunsecoenergy.fr](mailto:sales@fivesunsecoenergy.fr)

Phone: +33 6 41 83 57 29

Address: 5 Rue de la Bourse, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

