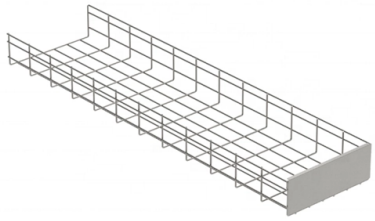
Nordic SFP optical module 40G



Overview

The QSFP+ 40GBASE ZR4 transceiver module supports 4x 10. 3125G data transmission of 80km over SMF. The module uses CWDM technology to achieve 4 channels of electrical data into 4 channels of LAN WDM optical signals. 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. The 40G QSFP+ optical transceiver – often called a 40g fiber optic transceiver – is a hot-pluggable, high-density module that bundles four independent 10Gbps channels into a single 40Gbps link. SR4, LR4, ER4, PSM4, CWDM, BiDi, SWDM4. Our comprehensive range of 40G QSFP+ optical transceiver modules delivers reliable high-speed connectivity for modern data center and enterprise networks. SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network devices (switches, routers, firewalls) to fiber optic or copper cables.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Article Content

40Gbps QSFP+ Optical Modules

40Gbps QSFP+ Optical Modules QSFP-40G-LR4 QSFP-40G-SDLC-PAM QSFP-40G-SR-BD (02311FPA) QSFP-40G-eSR4 QSFP-40G-iSR4 QSFP-40G-LX4 QSFP-40G-ER4 QSFP-40G-LR4

Cisco 40GBASE QSFP Modules Data Sheet

QSFP-40G-SR4-S is aligned to IEEE 40GBASE-SR4 optical specifications which support high-bandwidth 40G optical links over 12-fiber parallel fiber terminated with MPO/MTP multifiber

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.

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+ Transceivers | SR4, LR4, ER4, PSM4

High-performance 40G QSFP+ optical transceivers for data center and metro networks. SR4, LR4, ER4, PSM4, CWDM, BiDi, SWDM4. 150m to 40km reach.

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

QSFP+ 40G ZR4 Optical Transceiver Module 80km

The 40G ER4 optical module complies with QSFP MSA and RoHS standards. The module uses CWDM technology to achieve 4 channels of electrical data into 4

40G QSFP LR4 10km

40G QSFP LR4 10km • Uncooled 4x10Gb/s CWDM transmitter • Up to 10.3125Gbps data rate per wavelength • QSFP+ MSA compliant

QSFP+ 40G

With data transmission speeds of up to 40 Gbps, these compact modules are ideal for data center deployments and high-speed applications. QSFP+ modules are compatible with various

© 2026 EXF OPTICAL NETWORKS - All rights reserved

40G QSFP+ Optical Transceiver Modules | FiberMall

A QSFP 40G LR4 optical module has four independent channels to transmit and receive optical signals, which need to be processed by MUX or DEMUX (an optical component for wavelength division) to

10G SFP+ Dual Fiber Optical Module Market: $15.5B by 2025, 13.5

The 10G SFP+ Dual Fiber Optical Module market expands due to data center and enterprise network demands. Analyze growth drivers, segments, and competitive insights to 2034.

Alcatel SFP Module

High-performance Alcatel SFP Module supports 1G/10G/25G/40G/100G data rates with 500 matings durability. Wide operating range (-40°C~85°C) for enterprise networks.

Hilink Optics QSFP QSFPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers,we will give the professional solutions to you.

OSFP vs. QSFP vs. SFP: Which Is Right for You?

Confused about the differences between OSFP, QSFP, and SFP? This guide explains their distinct features, applications, and helps you choose the

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,

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot

Arista Optics Modules and Cables

SFP+ Optical interoperability with 10GbE XFP, X2 and XENPAK pluggable form factors QSFP+ Universal transceiver for 40G operations over duplex multi-mode and single-mode fiber.

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

Browse optical transceivers from Pivotal Optics including SFP, SFP28, QSFP28 & QSFP-DD modules. 1G to 400G solutions for data centers & networks. Shop now!

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 EXF OPTICAL NETWORKS - All rights reserved