

Huawei 50G 40km Optical Module Export



Overview

The QSFP28-ER-50G Module supports up to 40km link lengths over OS2 SMF via a LC duplex connector. The built-in digital diagnostics monitoring (DDM) allows access to real-time operating parameters via the I2C interface. When this type of optical module is used to interconnect with a WDM device, the 1+1 protection switching duration on the client side of the WDM device is longer than 50 ms. If the module needs to reach the nominal data, the board FEC function. When you perform a self-loop for a 50GBASE-ER 40 km optical module, an optical attenuator must be used. Note: The preview effect may be slightly different from the source document. This 02312AXF is 100% genuine Huawei product. It won't have any compatibility problem with your Huawei devices. And the Huawei High Speed Transceiver, QSFP28, 1311nm, 50Gb/s, 1. 5dBm, 8dBm, -15dBm, Straight LC, SMF, 40km is factory new with original packaging. Buy it now and enjoy risk free purchase. 50GBASE-ER QSFP28 PAM4 Transceiver Module (SMF, 1310nm, 40km, LC, DOM) SPECIFICATIO HeyOptics provides 50G QSFP28 ER PAM4 optical modules and other 50G transceivers in 50GBASE-LR (10km) and 50G BiDi QSFP28 (bidirectional 1271/1331nm) modules which designed for 5G mid-haul and back-haul. The FS® 50GBASE Quad Small Form-Factor Pluggable (QSFP28/SFP56) portfolio offers customers a wide variety of high-density and low-power 50 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider.

Article Content

Dec 22, 2025

50Gbps QSFP28 Optical Module

When this type of optical module is used to interconnect with a WDM device, the 1+1 protection switching duration on the client side of the WDM device is longer than 50 ms. The optical power

Oct 26, 2025

50G Optical Module Deployment Guide

50G Optical Module Deployment Guide Published On 2025-04-22 Views 7268 Downloads 941

Sep 26, 2025

50Gbps QSFP28 Optical Module

50Gbps QSFP28 Optical Module 50Gbps-QSFP28-SMF-1311nm-10km-commercial
50Gbps-QSFP28-SMF-1311nm-40km-commercial 50Gbps-
QSFP28-SMF-1295.56~1300.05nm-80km-commercial

Dec 27, 2025

25G/40G/50G/100G Optical Transceiver Modules | FiberMall

FiberMall offers 25G SFP28/40G QSFP+/100G QSFP28 Transceiver Modules designed with form factor, optical/electrical connection, and digital diagnostic interface.

Sep 25, 2025

Huawei Original 10G 1550nm 40km SFP+ Optical

The Huawei 10G 1550nm 40km SFP+ Optical Transceiver is a high-performance, long-distance fiber module designed for enterprise and carrier-grade networks. It

Aug 22, 2025

10GE Optical Module (SFP+) 40km

10GE Optical Module (SFP+) 40km 10G 1550nm 40km SM SFP+. OSX040N01. Huawei DDM. Bulk pack. Without alarm. Apply to Huawei MA5600T MA5800

Jan 07, 2026

GPFD Service Board GPFD price and specs epfd

GPFD Service Board Product Features 16-GPON Port Interface Card with B+/C+/C++ SFP module Apply to Huawei MA5683T, MA5680T, MA5608T OLT

Apr 06, 2026

50G QSFP28/SFP56 Cable and Transceiver Modules Data Sheet

The QSFP28-ER-50G Module supports up to 40km link lengths over OS2 SMF via a LC duplex connector. The built-in digital diagnostics monitoring (DDM) allows access to real-time

Jul 14, 2025

10 Gbit/s SFP+ Optical Module

HUAWEI AntiDDoS8000 V500R005 Hardware Description 10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces.

Mar 29, 2026

QSFP-DD-400G-SR4 Optical Transceiver 1. Summary

The Huawei QSFP-DD-400G-SR4 optical transceiver module represents a critical leap forward in short-range network solutions, delivering unprecedented bandwidth over multi-mode fiber

Aug 07, 2025

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

Apr 11, 2026

HUAWEI 10G 1550nm 40km SM SFP module

HUAWEI 10G 1550nm 40km SM SFP module ptcore's OSP10G-5540DCR-HW is a high performance and cost-effective SFP+ transceiver module supporting data

Apr 05, 2026

Fiber Optic Transceiver, SFP+, 1550nm, ER SMF 40km, 10G DDM, Huawei ...

Fiber Optic Transceiver, SFP+, 1550nm, ER SMF 40km, 10G DDM, Huawei from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies,

Mar 09, 2026

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

Aug 03, 2025

EDOC1100269279

Based on the alarms, identify the down cause (such as whether the receive optical power of the port is normal) and save the fault information. If the down cause cannot be located, collect relevant logs and

Dec 28, 2025

Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments.

Oct 10, 2025

Huawei QSFP28-50G-1311nm-40km-SM 50G QSFP28 Optical

Specifically designed for high-speed data transmission, this QSFP28 module operates at 1310nm wavelength and can transmit data at a rate of 53.125 Gbps up to a distance of 40km on single-mode

Apr 01, 2026

50G QSFP28 ER PAM4 1310nm 40km 50G

HeyOptics provides 50G QSFP28 ER PAM4 optical modules and other 50G transceivers in 50GBASE-LR (10km) and 50G BiDi QSFP28 (bidirectional

Jun 29, 2025

Huawei Technical Support

This document provides technical details about 1Gbps eSFP Optical Modules, including specifications and support information.

Dec 07, 2025

OptiXstar M990 50G PON ONU

OptiXstar M990 is a 50G PON ONU provided by Huawei. It supports 50G PON upstream transmission and 25GE/XGE/GE downstream transmission to provide high bandwidth access.

Contact Us

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

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

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