

Huawei 40km optical module self-operated



Overview

Operating at 1310nm with STM16 capabilities, this module offers an impressive output power range from -2dBm to -3dBm and a receiver sensitivity up to 29dBm. Engineered for long-distance communication, it supports single-mode fiber transmissions over distances up to 40km with. 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. Every LE2MGSC40DE0 is environmentally tested in its specific port/platform prior to shipping to ensure that they are in perfect. Unel is one of the biggest Huawei Network Hardware distributor in china, founded in 2008. We provide original new Huawei Routers,Switches,Firewalls,Wireless APs & controllers,OLTs,GPON modems,optical transceivers. Our. The GE 40KM SFP/OSG040001 HXB Huawei is a high-performance 1. 25G optical transceiver module, purpose-built for long-distance Gigabit Ethernet and STM-1/STM-4 transmission up to 40 kilometers over single-mode fiber. Operating at a 1310 nm wavelength, it is fully compatible with Huawei switches. Category: Huawei GE/10GE Optical Module, OLT Uplink Module, Optical Module, Huawei SFP, Huawei, 22 ISPs have ordered this in the past 4 weeks.

Article Content

Nov 23, 2025

10GE SFP+ Optical Modules

OMXD30000 OSX010000 OSX040N01 OSXD22N00 SFP-10G-BXD1 SFP-10G-BXU1
SFP-10G-ER-1310 SFP-10G-ER-SM1270-BIDI SFP-10G-ER-SM1330-BIDI SFP-10G-LR-I
SFP-10G-USR SFP-10G

Jul 30, 2025

Huawei DWDM C49 SFP+ Transceiver 10G 40km Module

This module is designed for single mode fiber and operates at a nominal DWDM wavelength from 1528.77nm to 1563.86nm as specified by the ITU-T. It is designed to deploy in the DWDM

Jan 03, 2026

10 Gbit/s XFP Optical Module

HUAWEI AntiDDoS8000 V500R005 Hardware Description 10 Gbit/s XFP Optical Module
You can use different levels of 10 Gbit/s XFP optical modules with OC-192/STM-64
POS interfaces

Jun 06, 2026

Huawei 1.25g Ge SFP Single-Module 1310nm, 40km,

Whether you're upgrading your network infrastructure or expanding its capacity, this Huawei Original GE SFP Optical Transceiver is the perfect choice. Experience

Sep 15, 2025

10G-BIDI-40KM-SFP+ Huawei Brand New Optical Transceiver

The 10G-BIDI-40KM-SFP+ is a high-quality bi-directional 10G optical transceiver designed for Huawei SFP+ ports in enterprise and carrier-class networks.

Apr 06, 2026

Huawei OSU040N01 1310nm STM16 LC 40km Optical Module

Engineered for long-distance communication, it supports single-mode fiber transmissions over distances up to 40km with an LC connector. The OSU040N01 is ideal for network operators

Nov 22, 2025

100Gbps QSFP28 Optical Modules

QSFP-100G-CWDM4 QSFP28-100G-LR4 QSFP28-100G-SR4 QSFP-100G-4WDM-40
QSFP-100G-CWDM4-ISP QSFP-100G-CWDM4-Lite QSFP-100G-ER4 QSFP-100G-SWDM4
QSFP28-100G-1310

Feb 17, 2026

Optical Module Huawei (ESFP) 1,25G 1310nm, 40km

Optical Module Huawei (ESFP) 1,25G 1310nm, 40km Features Up to 1.25 Gbps of data speed. Duplex optical interface receptacle LC compatible Only 3.3 V power

Nov 29, 2025

LE2MGSC40DE0

The Huawei Optical Transceiver, SFP, GE, BIDI Single-mode Module (TX1310/RX1490, 40 km, LC) is guaranteed 100% Compatible and Functional in its intended equipments.

Jun 01, 2026

Huawei Technical Support

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

May 05, 2026

10GE SFP+ Optical Modules

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

Mar 19, 2026

S-SFP-GE-LH40-SM1550

If you have any questions about this Huawei Optical Transceiver, eSFP, GE, Single-mode Module (1,550 nm, 40 km, LC) S-SFP-GE-LH40-SM1550 or any other item

Nov 04, 2025

40GE QSFP+ Optical Modules

Comprehensive guide to Huawei's 40GE QSFP optical modules for enhanced network connectivity and performance.

Apr 13, 2026

Huawei SFP-10G-ER40 Compatible 10Gb SFP

Huawei SFP-10G-ER40 Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 40km with Standard Compatability This high-quality Huawei

Aug 22, 2025

Huawei 10G 40KM SM SFP+ Optical Transceiver

If your Huawei products failed, you must contact your sales representative to

Mar 17, 2026

SFP-10GB-DW40-40-HW-C | Huawei® | Transceivers | Prolabs

This Huawei® compatible SFP+ transceiver provides 10GBase-DWDM throughput up to 40km over single-mode fiber (SMF) using a wavelength of 1545.32nm via an LC connector.

Aug 02, 2025

40 Gbit/s QSFP+ Optical Modules

The 40 Gbit/s QSFP+ optical modules can only be used with 40 GE interfaces. The wavelength of these 40 Gbit/s QSFP+ optical modules can be 850 nm, or 1310 nm-center multiple wavelength ranges.

Jan 08, 2026

Huawei OSU040N01 1310nm STM16 LC 40km Optical Module

Deploy the Huawei OSU040N01 1310nm STM16 LC single-mode 40km module for stable long-haul transmission. Order online for fast delivery.

Apr 21, 2026

GE 40KM SFP/OSG040001 HXB Huawei High Quality Transceiver

The GE 40KM SFP/OSG040001 HXB Huawei is a high-performance 1.25G optical transceiver module, purpose-built for long-distance Gigabit Ethernet and STM-1/STM-4 transmission up to 40 kilometers

Apr 15, 2026

Huawei 10G single mode uplink SFP transceiver SM

10G single mode uplink SFP transceiver SM 40km 1550nm 10G 40km module, We have multiple models in stock, Their functions are the same. Please tell me if you

Dec 27, 2025

Huawei 02317346 Datasheet

Huawei 02317346 Datasheet Huawei S-SFP-GE-LH40-SM1310 Optical Transeiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC)

Jul 12, 2025

Buy Huawei OLT Uplink Module OSG040001 GE 40KM HXB Best

Category: Huawei GE/10GE Optical Module, OLT Uplink Module, Optical Module, Huawei SFP, Huawei, 22 ISPs have ordered this in the past 4 weeks. Availability: In Stock.

Jul 19, 2025

02317346, S-SFP-GE-LH40-SM1310,Optical Module

High quality 02317346, S-SFP-GE-LH40-SM1310,Optical Module - eSFP-GE - Single Mode Module (1310nm, 40km, LC) from China, China's leading Huawei Optical

Jan 13, 2026

Huawei QSFP-40G-SR4 SFP Huawei sfp 40g price and

Huawei QSFP-40G-SR4 SFP is 40GBase-ER4 Optical Transceiver,QSFP+,40G,Single-mode Module (1310nm,40km,LC) Huawei QSFP

Jan 21, 2026

OSG040N02 HXB Huawei GE 40KM SFP/ High Quality Transceiver

The OSG040N02 HXB Huawei high-performance Gigabit Ethernet SFP optical transceiver, purpose-built for 40 km long-distance transmission over single-mode fiber.

Contact Us

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