

Huawei 40 Gigabit 40km Optical Module Wavelength





Overview

The 40GBASE-ER4 QSFP+ transceiver supports a link length of up to 40km on single-mode fiber (SMF) at 1310nm wavelength. The wavelength of these 40 Gbit/s QSFP+ optical modules can be 850 nm, or 1310 nm-center multiple wavelength ranges. 25 Gbps data rate and uses an LC duplex interface, making it an ideal solution for. The listed reach has been determined using a link budget calculation and tested in a standard environment. 40G QSFP+ Optical Module 100G QSFP28 Optical Module The maximum power consumption of a QSFP DD (Quad Small Form-factor Pluggable Double Density) transceiver can vary depending on the specific model and manufacturer.



Huawei 40 Gigabit 40km Optical Module Wavelength

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

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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.

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Huawei QSFP-40G-ER4 Compatible 40GBASE-ER4 QSFP+ 1310nm

The 40GBASE-ER4 QSFP+ transceiver supports a link length of up to 40km on single-mode fiber (SMF) at 1310nm wavelength. It is interfaced with a duplex LC connector.

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XGSPON ONU Stick with 8311 Firmware, 10G SFP

XGSPON STICK Optical Module (SFP+ PON ONU): This carrier-grade, ITU-T compliant module is your solution for next-gen FTTx deployments. Designed to

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OSG040N02 Huawei GE SFP/40KM High Quality Transceiver

Operating at a 1310 nm wavelength, this module delivers 1.25 Gbps data rates and is equipped with an LC duplex interface, making it ideal for backbone networks, metro access, and enterprise fiber links.

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OSG040N02 Huawei GE SFP/40KM High Quality Transceiver

OSG040N02HuaweiGESFP/40KMHIGHQualityTransceiverTheOSG040N02HuaweiHIGH-performance Gigabit Ethernet SFP optical transceiver, designed for long-distance transmission up to

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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.

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Huawei OSX040N01 SFP+ 10G Transceiver, 1550nm 40km LC

With a single-mode, 1550nm wavelength and a transmission distance of 40km, this module provides reliable and high-speed connectivity. The LC interface ensures easy and secure plug-and-play

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GE 40KM SFP/OSG040001 HGN Huawei Brand New Transceiver

GE 40KM SFP/OSG040001 HGN Huawei Brand New Transceiver The GE 40KM SFP/OSG040001 HGN is a Huawei original Gigabit Ethernet optical transceiver, engineered for long-haul data transmission

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OSG040001 WHD Huawei GE 40KM SFP/ Brand New Transceiver

OSG040001 WHD Huawei GE 40KM SFP/ Brand New Optical Transceiver The OSG040001 WHD Huawei original brand new GE SFP transceiver, designed for 1.25Gbps Gigabit Ethernet applications



02310SSG-40-C , Huawei® , Transceivers , Prolabs

This Huawei® compatible SFP+ transceiver provides 10GBase-CWDM throughput up to 40km over single-mode fiber (SMF) using a wavelength of 1470nm via an LC connector.

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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

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GE 40KM SFP/OSG040001 HXB Huawei High Quality



Transceiver

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

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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-Lite QSFP-40G-LX4-MM QSFP-40G-eSDLC

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1.25G SFP BIDI OPTICAL TRANSCEIVER MODULE

1.25G SFP BIDI Tx1550/Rx1490nm 120KM SMF DDM LC CISCO JUNIPER HUAWEI COMPATIBLE SFP OPTICAL TRANSCEIVER MODULE The SFP-BIDI transceivers are high performance, cost



Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen.

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

Custom 40G QSFP+ MODULE Series Transitioning to 40 Gigabit Ethernet is the most cost-effective strategy for alleviating core switch congestion. Utilizing high-density MTP/MPO interfaces and

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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

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OSG040N02 HXB Huawei GE 40KM SFP/ High Quality Transceiver

Operating at a 1310 nm wavelength, it supports a 1.25 Gbps data rate and uses an LC duplex interface, making it an ideal solution for enterprise backbone links, metro networks, and carrier-grade optical

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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).



1.25 Gbit/s SFP/eSFP Optical Module

The wavelength of common 1.25 Gbit/s SFP/eSFP optical modules 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).

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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

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40KM 1550nm Single Mode Duplex Gigabit Optical Module



Key attributes Type Fiber Optic Transceivers Connector Type LC Use FTTX Model Number BT-OC24-40+ Brand Name BTON Place of Origin Guangdong, China Warranty Time 3Years Data Rate

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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

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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.

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