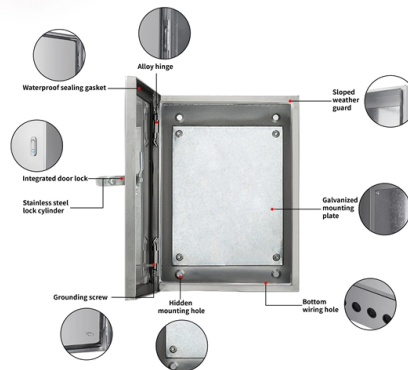


Huawei 40G Single-Mode Optical Module Parameters



Overview

Huawei QSFP-40G-LR4 is a carrier-grade QSFP+ transceiver designed for 40GE long-reach single-mode connectivity up to 10 km. Operating over four CWDM wavelengths (1271/1291/1311/1331 nm) with LC connectors, it complies with 40GBASE-LR4 and industry MSA standards. This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and pluggable modules for interface. The digital diagnosis function supports only temperature and voltage diagnosis. This module is specifically engineered for single mode fiber applications and operates at a wavelength of 1310nm, which is ideal for long distance transmission. They are compliant with the QSFP+ MSA, IEEE 802. 3ba 40GBASE-LR4 and OTU3 C4S1-2D1 requirements specified in ITU-T Recommendation G.

Article Content

Understanding Optical Modules: Types and

Optical Modules (also known as Optical Transceivers) are critical components in fiber optic communication systems. As the core optoelectronic devices operating

Huawei SFP-10G-iLR Optical Transceiver Best price in Duba

SFP-10G-iLR Overview Optical Transceiver,SFP+,9.8G,Single-mode Module
1310nm,1.4km,LC. Basic Information Module name SFP-10G-iLR Part Number
02311BJJ Model SFP-10G-iLR Form factor

Cisco Compatible Optical Modules Catalog

This document serves as the definitive technical reference for the Cisco Compatible Optical Modules Catalog, encompassing a comprehensive portfolio of Small Form-Factor Pluggable (SFP), SFP+,

Huawei QSFP-40G-LR4 40GBASE-LR4 10km QSFP

Huawei QSFP-40G-LR4 is a carrier-grade QSFP+ transceiver designed for 40GE long-reach single-mode connectivity up to 10 km. Operating over four CWDM

Huawei QSFP-40G-eSM4 40G QSFP+ 10km SMF MPO

The QSFP-40G-eSM4 has standardized dimensions and weight typical of QSFP+ transceivers, making it easy to integrate into existing network infrastructure.

Cisco Compatible Optical Modules Catalog

TECHNICAL SPECIFICATIONS ing table encapsulates the primary classifications and capabilities of the catalog. For detailed, model-specific parameters, please refer to the individual SKU datasheets.

Huawei QSFP-40G-LR4 Datasheet | FluxLight

The module converts 4 inputs channels of 10 Gbps electrical data to 4 CWDM optical signals, and multiplexes them into a single channel for 40Gbps optical transmission.

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

40G QSFP+ LR4

QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links and 4x10G OTN client interfaces over single mode fiber. They are compliant with the QSFP+ MSA, IEEE 802.3ba

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices. Checking transceiver parameters allows users to monitor real-time

Tp-link optical module is the real king! 20km gigabit single-mode sfp ...

It's not the equipment that's faulty; it's the "no-name module" you're using. it can't even handle a -27dbm receive threshold! the tp-link tl-sm312ls-20km, on the other hand, boasts a factory

2025 Single-Mode vs Multimode Fiber: Distance, Cost

Compare single-mode (OS2) and multimode (OM3-OM5) fiber: reach tables, link-budget steps, MPO polarity, cost/TCO, and Cisco/Huawei/Ruijie optic examples.

Huawei 02311BKT Datasheet

This module can only be used on a switch running V200R008C00 or a later version. A switch running an earlier version may fail to obtain information about this module.

S310-48P4S

S200, S300, S500, and S600 Hardware Description This document describes all the configuration commands of the device, including the command function, format, parameters, views, default level,

Huawei QSFP-40G-LR4 02313URY 40GBASE-LR4 optical

The Huawei QSFP 40G LR4 02313URY is a high performance 40GBASE LR4 optical transceiver module designed for use in QSFP+ slots. This module is specifically engineered for single mode fiber

40GE QSFP+ Optical Modules

Description: It can connect a 40GE port to four 10GE ports using a 1-to-4 cable. The digital diagnosis function supports only temperature and voltage diagnosis.

How to Choose the Right Fiber Optic Cable for Your Optical Transceiver

Selecting the right optical transceiver is only half of building a reliable fiber network. Many network failures that appear to be caused by optical modules are actually the result of using the

Cisco Compatible Optical Modules Catalog – Official Technical

EXECUTIVE SUMMARY This document serves as the definitive technical reference for the Cisco Compatible Optical Modules Catalog, encompassing a comprehensive portfolio of Small Form-Factor

Fiberhome ol100cl-04 optical transceiver module | gigabit single-mode ...

Tired of frustrating network cabling issues? dealing with alarm-triggering optical modules, sky-high packet loss, and endless incompatibility issues after three replacements? don't put up with it

Ethernet Switch Port Types Explained 2026: RJ45,

The connected optical module is a 40G QSFP+, not a QSFP28 The switch ASIC lane group supports "40G compatible mode" Auto-power reduction

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).

QSFP-40G-LR4 (02310MHS 02313URY) Datasheet

Overview 40GBase-LR4 Optical Transceiver, QSFP+,40GE, Single-mode Module (1310nm,10km, LC)

Huawei 02313URY Datasheet

Huawei 02313URY Datasheet Huawei 02313URY QSFP-40G-LR4 40GBASE-LR4 Optical Transceiver, QSFP+ 40G, Single-mode module (1310nm 10km LC)

40GE QSFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and

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