

# Huawei 1310nm Optical Module Parameters





## Overview

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Huawei SFP-10G-iLR is a single-mode 10G SFP+ module with a wavelength of 1310 nm and two LC connectors for connection over distances of up to 1. If an SFP-10G-ER-1310 optical module is connected to a 10GBase-ER optical module (1550 nm, 10GE, 40 km), the maximum transmission distance is only 20 km due to different specifications such as the wavelength and receiver sensitivity. A cost-effective solution that provides high bandwidth and tra x/Rx Wavelength: 1310 nm. As part of the O-band (1260-1360 nm), it balances low dispersion, stable performance, and cost efficiency.



## Huawei 1310nm Optical Module Parameters

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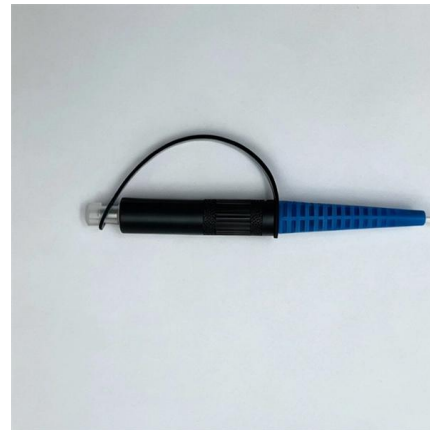


### **QSFP28-100G-LR4 02311KNU Huawei Optical Transceiver**

100GBase-LR4 optisk transceiver, QSFP28, 100G, Single-mode modul (1310nm, 10km, LC)

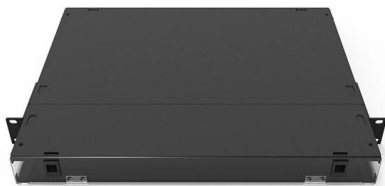
### **Huawei, eSFP, 1310nm, 1.25Gb/s, -9~-3dBm, -20dBm, LC, Single**

Long Distance Capability: With a reach of up to 10km, this module is ideal for connecting distant network nodes without the need for repeaters. Single Mode Fiber: Designed for single mode fiber, which



### **SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver**

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,



### **Huawei SFP-10G-LR Compatible 10Gb SFP**

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



### **10G 1310nm 10km SM SFP+ Huawei Brand New Optical Transceiver**

Engineered for long-distance data transmission up to 10 kilometers, this hot-pluggable SFP+ module operates at a 1310nm wavelength, making it ideal for enterprise networks, metropolitan area



### **SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G,**

The Huawei Optical Transceiver SFP-10G-LR is a versatile and high-performance 10G SFP+ module. Designed for single-mode fiber, it offers reliable 10km



### **Huawei 02315200 Datasheet**

Transmitter Optical Characteristics Center wavelength : 1310 nm Maximum Tx optical power : -3.0 dBm Minimum Tx optical power : -9.0 dBm Minimum extinction ratio : 9 dB





**huawei-sfp-ge-lx-sm1310-brochure-datasheet.pdf**

The Huawei SFP-GE-LX-SM1310 is an optical transceiver module that uses single-mode fiber with a center wavelength of 1310nm for transmission over distances



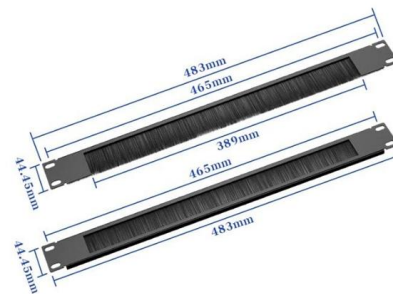
**Optický transceiver Huawei QSFP-100G-CWDM4-Lite 02312UJN**

100Optický transceiver GBase-CWDM4-Lite, QSFP28, 100G, Jednorezimový modul (1310nm, 0.5km, LC)



**QSFP28 100G CWDM 1310nm 40km Single Lambda SMF Duplex LC Optical Module**

YXF-CWDM-100G-Q28 CWDM QSFP28 optical transceiver is designed for 100GBASE OTN applications. It enables transmission distances up to 40km over single-mode fiber (SMF) via a duplex



**Huawei OSN010N24 Compatible 100GBASE-LR4**

Huawei OSN010N24 Compatible 100GBASE-LR4 QSFP28 Optical Transceiver Module (SMF, 1310nm, 10km, LC, DDM) The Huawei OSN010N24 compatible



**QSFP-100G-CWDM4 02311MNN Transceiver optic Huawei**

100Transceiver optic GBase-CWDM4,QSFP28.100G,Modul monomod (1310nm,2km,LC)



**Everything You Need to Know About 1310nm Optical**

A 1310nm optical module lets you move data efficiently through fiber optic communication networks. As part of the O-band (1260-1360 nm), it

**SFP-10G-Hybrid 02313SGK Huawei Hybrid Module , Hongtelecom**

L-MLIC-S87 88037HBX Huawei SW License920.00  
SFP-2.5G-Hybrid-BXD1 02314PMV Huawei Hybrid Module55.00  
SFP-10G-Hybrid 02313SGK Huawei Hybrid Module \$182.00



**SFP-10G-ER-1310**

SFP-10G-ER-1310 Table 10-45 SFP-10G-ER-1310 specifications



## Optical Modules for Huawei S Series Switches

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types



### **Huawei 10G SFP+ optical transceiver, SM, 1310nm,**

Huawei SFP-10G-iLR is a single-mode 10G SFP+ module with a wavelength of 1310 nm and two LC connectors for connection over distances of up to 1.4 km.

## Huawei SFP-10G-LR Datasheet Overview

Quick Specs Product Details Huawei SFP-10G-LR provides these features: x/Rx Wavelength: 1310 nm. / 1310 nm. Media Type: Single-Mode fiber (SMF) Optical Budget: 6 dB Max. Distance: 10 km



### **QSFP-100G-CWDM4-Lite 02312UJN Huawei Optical Transceiver**

100GBase-CWDM4-Lite optisk transceiver, QSFP28, 100G, Single-mode modul (1310nm, 0.5km, LC)



**QSFP-100G-CWDM4-Lite 02312UJN  
Transceiver optic Huawei**

100Transceiver optic GBase-  
CWDM4-Lite,QSFP28.100G,Modul monomod  
(1310nm,0.5km,LC)



**SFP-GE-LX-SM1310-A 1.25G 1310nm 10km  
Optical**

SFP-GE-LX-SM1310-A The SFP transceivers SFP  
1.25G 1310nm 10km CISCO, HUAWEI, H3C,  
Juniper, D-link, HP, IBM, dell, Mikrotik,  
Aruba, Quidway

**NVIDIA/Mellanox Compatible 400GBASE-  
XDR4 QSFP**

NVIDIA/Mellanox Compatible 400GBASE-XDR4  
QSFP-DD 8x50G PAM4 1310nm 2km SMF DOM  
MPO-12/APC Optical Transceiver Module



**Huawei LX Compatible SFP Modules:  
Strategic Inventory Guide**

These modules operate at a 1310nm center wavelength, a "sweet spot" in optical networking that offers low signal loss and minimal dispersion. This specific wavelength is ideal for medium-to-long range



### SFP-GE-Hybrid 02313SGL Huawei Hybrid Module , Hongtelecom

SFP-2.5G-Hybrid-I 02314LBJ Huawei Hybrid Module 105.00  
QSFP-100G-BIDI-G2 02314DBW Huawei Optical Transceiver 400.00  
SFP-GE-Hybrid 02313SGL Huawei Hybrid Module \$40.00



### Huawei SFP-GE-LH40-SM1310 Compatible 1000Base SFP Module

1000BASE-LX SFP 1310nm 40km DOM Optical Transceiver Module Compatible with Huawei SFP-GE-LH40-SM1310 Experience reliable long-haul connectivity with Rollball enterprise-grade Gigabit SFP

### 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 right



### SFP-10G-LR-C(02312UUG) Datasheet

SFP-10G-LR-C(02312UUG) Datasheet Overview  
Optical module -SFP + -10G-single mode module (1310 nm, 10km, lc)





## Contact Us

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