

10G Single-Mode Huawei Optical Module



Article Overview

Huawei 10G single-mode optical modules, such as SFP-10G-LR and BIDI variants, support long-distance 10G transmission over single-mode fiber with wavelengths typically at 1270–1330nm or 1310nm, offering ranges up to 10km.

Key Types and Specifications

1. SFP-10G-LR

- Wavelength: 1310nm
- Transmission Distance: Up to 10km over single-mode fiber
- Standard: 10GBASE-LR
- Connector: LC duplex
- Use Case: Ideal for enterprise networks and data centers requiring reliable long-range 10G connectivity

• Compatibility: Can operate in multi-vendor environments, but verification is recommended for non-Huawei devices

2. Single-Fiber Bidirectional (BIDI) Modules

- Examples: SFP-10G-BXU1 (TX1270nm/RX1330nm) paired with SFP-10G-BXD1 (TX1330nm/RX1270nm)

- Transmission Distance: Typically 10km
- Usage: Must be used in pairs to enable bidirectional communication over a single fiber strand
- Connector: LC

Article Content

Huawei 02318170 Datasheet

Huawei 02318170 Datasheet Huawei OSX010000 Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)

OMXD30000, Huawei SFP+ Optical Transceiver, 10G, Multi-mode,

Huawei OMXD30000 10G SFP+ multi-mode 850nm 0.3km LC module ensures stable short-reach data center and campus links.

Huawei OSX010000 Compatible 10Gb SFP+ Transceiver Module

Huawei OSX010000 Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 10km with Standard Compatability

Huawei SFP-10G-USR 10G SFP+ Optical Transceiver Module Price

Access the detailed SFP-10G-USR, Huawei SFP+ Optical Transceiver, 10G SFP+, Multi-mode 850nm, 0.1km datasheet and ensure

Huawei OSX010000 SFP+ 10G Optical Transceiver

Huawei OSX010000 SFP+ 10G optical transceiver module for 10km single-mode fiber, compact design, 1

Huawei 10G SFP+ Optical Module 1310nm 10km Single Mode

Huawei 10G SFP+ optical module for single-mode fiber, supporting 10Gbps data transmission at 1310nm with a range of up to 10km.

Huawei SFP-10G-ILR 9.8G 1310nm 1.4km SFP+ Optical

Huawei SFP-10G-iLR Overview The Huawei SFP-10G-iLR is an enterprise-grade SFP+ optical transceiver

Huawei OSX010000 Optical Transceiver,SFP+,10G,Single-mode Module ...

Specifications Model OSX010000 (Huawei Part No. 02318170) Product Type Optical Transceiver Module Form Factor SFP+ (Small

Huawei 10GE Optical Modules

Huawei SFP-10G-USR 10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC) 02310MNW

OSX010000

The Huawei Optical Transceiver, SFP+, 10G, Single-mode Module (1,310 nm,10 km, LC) is guaranteed

Huawei SFP-10G-LR Compatible 10Gb SFP

Huawei SFP-10G-LR Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 10km

OSX010000, Huawei SFP+ Optical Transceiver, 10G SFP+, 1310nm,

The Huawei OSX010000 is a carrier-grade SFP+ optical transceiver designed for 10G backbone and aggregation links. Delivering 10

10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

Huawei OSX010000 Optical Transceiver,SFP+,10G,Single-mode

Huawei OSX010000 Optical Transceiver,SFP+,10G,Single-mode Module (1310nm,10km,LC) Price in Dubai UAE

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

Huawei SFP-10G-LR is a carrier-grade SFP+ optical transceiver designed for

02310SNN

Huawei SFP-10G-ZR 10GBase-ZR Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm, 80km, LC) Brand: Huawei Part

02310QDJ

Huawei SFP-10G-LR Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC) Brand: Huawei Part Number:

Huawei 10G-1310nm-10km-SM-SFP+ SFP-10G-LRV

The Huawei 10G-1310nm-10km-SM-SFP+ (SFP-10G-LRV) Optical Transceiver is a single-mode module

02310CNF

02310CNF - Genuine Huawei OSX040N01 Optical Transceiver, SFP+, 10G, Single-mode Module

Huawei Data Center Switch Optical Transceiver Portfolio

Description 100GBase-SWDM4 Optical Transceiver,QSFP+,100GE,Multi-mode Module(850,0.075km-OM3,0.1km-OM4,LC)

02311RLX

02311RLX - Genuine Huawei SFP-10G-ER-1310 Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 40km, LC) Basic

Huawei SFP-10G-LR-HU SFP+ 10GBASE-LR Singlemode Transceiver

The SFP-10G-LR-HU 10GBASE-LR LC Duplex SFP+ compatible with Huawei has a receiving function (receiver with 1310nm) and a

02318170

Huawei OSX010000 Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC) Brand: Huawei Part Number:

HUAWEI eKit OSX010000

Optical Transceiver,SFP+,10G,Single-mode Module (1310nm,10km,LC)

Huawei OSX010000 SFP+ 10G Single Mode Optical

Huawei OSX010000 SFP+ 10G transceiver for single-mode fiber, 1310nm wavelength, 10km range.

GE eSFP Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

Contact Us

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