

Huawei Single-Mode Single-Fiber Optic Module 1310





Overview

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 transmission at 1310nm. 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. This product is highly beneficial for data centers and enterprise networks needing robust and long-range connectivity. Compatible 1000Base-LX/LH Singlemode 10km 1310nm SFP Transceiver for Gigabit Ethernet.



Huawei Single-Mode Single-Fiber Optic Module 1310

Huawei sfp 1.25g 1310nm 10km

Discover Huawei SFP 1.25G 1310nm 10km modules for fiber optic networks. Features LC duplex, SMF, 0-70°C operation, CE/RoHS compliance.

direcXource Huawei CFP-100G-LR4 Compatible 100GBASE-LR4

Huawei CFP-100G-LR4 compatible optical transceiver is a parallel 112 Gbps CFP form-factor pluggable CFP module for use in 100GBASE Ethernet. CFP LR4 provides 100 Gb/s throughput up to 10 km over



Single-mode optical fiber

In fiber optics, a quadruply clad fiber is a single-mode optical fiber that has four claddings. Each cladding has a refractive index lower than that of the core.

Huawei OSX010000 SFP+ 10G Single Mode Optical

Huawei OSX010000 SFP+ 10G transceiver for single-mode fiber, 1310nm wavelength, 10km range. Compliant with 10Gbase-LR standard.

Huawei SFP-10G-ER40 Compatible 10Gb SFP

This high-quality Huawei SFP-10G-ER40 Compatible 10GBASE-ER SFP+ 1310nm 40km DOM Transceiver. A cost-effective solution that provides high bandwidth



direcXource Huawei CFP-100G-ER4 Compatible 100GBASE-ER4

Huawei CFP-100G-ER4 compatible optical transceiver is a parallel 112 Gbps C Form-factor Pluggable CFP module for use in 100GBASE Ethernet. CFP ER4 provides 100Gb/s throughput up to 40km over

1G SFP Transceiver , Difference SMF vs. MMF

In this blog, BlueOptics introduces you to both fiber types of SFP modules, multi-mode and single-mode, and highlights the aspects in which they differ.

Understanding Optical Modules



Single-mode optical modules are used with single-mode fibers. Single-mode fibers support a wide band and large transmission capacity, and are used for long-distance transmission.

Huawei OSX010000 Optical Transceiver SFP+ 10G

Explore the Huawei OSX010000 Optical Transceiver SFP+ 10G Single-mode Module for high-speed data transfer. Ideal for tech solutions, order today!

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).



XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the

SFP-10G-ER-1310

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

SFP-10G-ER-1310

Huawei compatible SFP-10G-ER-1310 (02311RLX) is SFP+ (Small Form factor Pluggable)



Transceiver, operating over Double Fiber Single-Mode Fiber (SMF) optical cable.

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km Single

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

direcXource Huawei CFP2-100G-LR4 Compatible 100GBASE-LR4

Huawei CFP2-100G-LR4 compatible optical transceiver is a parallel 112Gbps C Form-factor Pluggable CFP2 module for use in 100GBASE Ethernet. CFP2 LR4 provides 100Gb/s throughput up to 10km



Huawei 1.25G SFP Optical Module 1310nm 10km Single Mode

Huawei 1.25G SFP optical module for single-mode fiber, designed to provide stable 1.25Gbps transmission at 1310nm with a range of up to 10km. Ideal for switches, routers, fiber links, enterprise

QSFP28 100G CWDM1310nm 40km Single Lambda SMF Duplex LC Optical Module

YXF-CWDM-100G-Q28CWDMQSFP28opticaltransceiverisdesignedfor100GBASEOTN applications. It enables transmission distances up to 40km over single-mode fiber (SMF) via a duplex

Huawei SFP-10G-ER-1310-HU SFP+ 10GBASE-ER Singlemode



The SFP-10G-ER-1310-HU 10GBASE-ER LC Duplex SFP+ compatible with Huawei has a receiving function (receiver with 1310nm) and a transmitting function (transmitter with 1310nm) for the

1 Gigabit Singlemode SFP Fiber Optic Transceivers

Achieve long-distance, high-performance connectivity with 1G singlemode SFP transceivers. Ideal for network upgrades and seamless integration with Cisco

Original HUAWEI 10G-1310nm-10km-SM-SFP+

High quality Original HUAWEI 10G-1310nm-10km-SM-SFP+ from China, China's leading product market Huawei Optical Transceiver product, with strict quality



Understanding Optical Modules: Types and

Optical fibers are divided into single-mode fibers and multi-mode fibers. To accommodate these different fiber types, single-mode optical modules and multi

Contact Us

For datasheets, pricing, or custom optical networking solutions, please visit:
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