

## Huijue SFP Optical Port Module



### 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. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. This product is highly beneficial for data centers and enterprise networks needing robust and long-range connectivity. The SFP-FE-SX-MM1310 (part number: 02315233) is a Huawei-certified 100M optical module. However, the Vendor Name field displays the original manufacturer name, instead of HUAWEI. Huawei. An SFP (Small Form-factor Pluggable) is a compact, hot-pluggable transceiver module that allows networking equipment — including switches, routers, servers, and media converters — to support different physical media, such as optical fiber or copper, without replacing the host hardware. This modular. As a global leading network hardware supplier, GenuineModules always devotes to meeting the needs of clients of all sizes, including resellers, system integrators and end-users.

## Article Content

### 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).

### SFP Optical Transceiver Products | Syrotech Networks

An SFP (Small Form-Factor Pluggable) is a compact, hot-pluggable transceiver used in telecommunications and data networks for high-speed connectivity. Supporting

### What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

An SFP (Small Form-factor Pluggable) is a compact, hot-pluggable transceiver module that allows networking equipment — including switches, routers, servers, and media converters — to support

### S7X08000 (02312URW/02312URW-002: 8-Port 10GE SFP+ or 2-Port

Card Overview The S7X08000 provides eight 10GE SFP+ optical ports for data access and line-rate switching by default. The port mode can be changed. After the change, the first two ports are 25GE

### ES5D21X08S00 (8-Port 10GE SFP+ Rear Optical Interface Card)

Card Overview The ES5D21X08S00 provides eight 10GE SFP+ optical ports for data access and line-rate switching. The ES5D21X08S00 can be installed in a rear card slot of the switch models listed in

### 10 Gigabit Fiber SFP+ Optical Transceiver Module

This 10 Gigabit Fiber SFP+ Optical Transceiver Module supports standard digital diagnostics monitoring (DDM) functions, also known as digital optical monitoring

### An introduction to SFP ports on a Gigabit switch

An SFP module, or transceiver, acts as a converter between the network switch and a fiber optic or Ethernet cable. For example, it converts electrical signals to optical signals for fiber

### 8 Pluggable Modules for Interfaces

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot swappable.

### 10GE SFP+ Optical Modules

For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1. If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission

### What Is an SFP Module and How to Choose One?

In modern fiber optic networks, an SFP module is simply a small modular transceiver that plugs into an SFP port on a network server. Because of its small size and flexible features, the SFP

### Installing Optical Transceivers and Connecting Optical Fibers

This section describes how to install optical transceivers on the SFP or SFP+ ports and connect them to the ports of the peer device using optical fibers according to the network plan.

### 8 Pluggable Modules for Interfaces

If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the optical module, including the

### 10 Gbit/s SFP+ Optical Module

You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The wavelength of these 10 Gbit/s SFP+ optical modules can be 850 nm, 1310 nm, or

### SFP Modules: Types, Selection Guide & Applications

This guide demystifies SFP modules, exploring their design, types, key differences from related modules (like SFP+, SFP28, and QSFP), and actionable tips for selecting the right one for

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