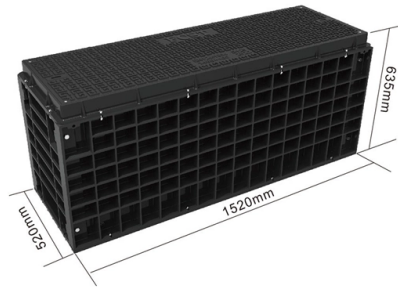


Huawei XFP Optical Module



Article Overview

Huawei XFP optical modules are 10G small form-factor pluggable transceivers designed for high-speed Ethernet and optical communication over single-mode or multimode fibers.

Overview

Huawei XFP modules are 10 Gigabit small form-factor pluggable (XFP) transceivers that support high-speed data transmission for enterprise, metro, and long-haul networks. They are hot-swappable and compatible with Huawei S series devices, supporting LC fiber connectors. XFP modules are physically larger than SFP+ modules and are designed for 10 Gbit/s transmission rates over various distances depending on the module type and fiber used .

Types and Specifications

- Standard 10G XFP Modules
- Example: XFP-10G-1550NM-80KM-SM
- Wavelength: 1550 nm
- Transmission distance: up to 80 km on single-mode fiber (SMF, G.652)
- Connector: LC
- Supports Digital Diagnostic Monitoring (DDM) for real-time monitoring of voltage, temperature, optical power, and bias current

- 10GBASE-LR XFP
- Wavelength: 1310 nm
- Transmission distance: up to 10 km on SMF...

Article Content

Jul 08, 2026

10GE-CWDM XFP Optical Modules

Cards Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for Huawei

Sep 06, 2025

Huawei 10G XFP Optical Transceiver 1310nm 10km SM

Original Huawei 10G XFP transceiver module, 1310nm wavelength, 10km single-mode, compatible with

Feb 28, 2026

10GE SFP+ Optical Modules

When connected to a 10GBASE-ER standard optical module (1550 nm, 10 Gbit/s, 40 km), an SFP-10G-ER-1310 optical module

Jan 01, 2026

Types of Optical Modules

Optical modules are encapsulated in different modes to provide different structures. Huawei routers support optical modules of the

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Huawei Optical Modules and Cables

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.

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02315176

And the Huawei XFP-SX-MM850 Optical Transceiver, XFP, 10G, Multi-mode Module (850nm, 0.3km, LC)

May 29, 2026

34060313

It won't have any compatibility problem with your Huawei devices. And the Huawei Optical Transceiver,

Aug 26, 2025

Understanding Pluggable Optical Modules

This type of optical module is mainly used in scenarios where one CSFP optical module connects to two BIDI SFP optical modules. It

Mar 09, 2026

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

Dec 18, 2025

XFP transceiver

XFP modules are hot swappable and support multiple physical layer variants. They typically operate at

Nov 18, 2025

Understanding Pluggable Optical Modules

eSFP: enhanced small form-factor pluggable. An eSFP module is an SFP module that supports monitoring of voltage, temperature,

Jun 16, 2026

XFP Optical Modules and SFP+ Optical Modules Guide

XFP Optical Modules and SFP+ Optical Modules explained with clear differences,

Dec 18, 2025

01-10 OPTICAL MODULES

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Feb 15, 2026

Understanding Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Dec 04, 2025

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON Optical ...

Introduction Huawei PON SFP modules are carrier-grade optical transceivers designed for GPON XG-PON XGS-PON

May 07, 2026

10GE SFP+ Optical Modules

Fan Modules Installing a Power Surge Protector Pluggable Modules for Ports
Understanding Optical Modules Understanding Copper

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Huawei XFP-10G-1550NM-80KM-SM Optical Transceiver Sample Report

Huawei's XFP-10G-1550NM-80KM-SM optical transceiver supports 10G Ethernet transmission over 80km on single

Dec 28, 2025

Huawei XFP-10G-1550NM-80KM-SM Optical

Huawei's XFP-10G-1550NM-80KM-SM optical transceiver supports 10G Ethernet

Sep 26, 2025

Understanding Pluggable Optical Modules

An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and

Nov 21, 2025

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Jan 12, 2026

10GE XFP Optical Modules

40GE CFP Optical Modules 40GE QSFP+ Optical Modules 100GE CFP Optical Modules
100GE QSFP28 Optical Modules 10GE

Oct 24, 2025

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters,

Dec 31, 2025

XFP-1550-STM64/FC10G/10GbE/OTU2-80km

The Huawei XFP-1550-STM64/FC10G/10GbE/OTU2-80km is a carrier-grade optical transceiver designed for long-haul 10G transport

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