

Huijue Optical to Electrical Module SFP



Overview

It is a 1000BASE-T-SFP Module featuring an RJ45 Electrical Module with auto-negotiation capabilities. Designed for optimal performance, it supports a longest transmission distance of up to 100 meters, making it a reliable choice for various networking needs. The wide variety of modules gives you flexible and plug-and-play options for all types of interfaces. These compact optical transceivers offer a access and ring network, storage network, and. 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. Since their inception, SFP modules have continued to play a crucial role in many networks such as SONET (Synchronous Optical Networking), Gigabit Ethernet, Fibre Channel, PON (Passive Optical Network), and other communications standards. The initial iteration of the SFP module emerged as an upgrade. 02315233 - Genuine Huawei SFP-FE-SX-MM1310 Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC)Basic InformationModule name: SFP-FE-SX-MM1310Part Number: 02315233Model: SFP-FE-SX-MM1310Form factor: SFPApplication standard: 100BASE. modular connectors in Ethernet switches) is that individual ports can be equipped with. Published: 2026 | Category: Network Hardware Knowledge Base / Optical Communications Core Keywords: SFP Module, SFP Transceiver, Small Form Factor Pluggable, What is SFP, SFP vs SFP+ Read Time: Approx.

Article Content

Huawei Technical Support

Discover Huawei's technical specifications and features for 10Gbps SFP optical modules, enhancing connectivity and performance in enterprise networks.

What Is an SFP Module? Complete Guide

SFP modules, or Small Form-factor Pluggable modules, are essentially the workhorses of modern networking. They facilitate data

Tunable SFP+ Optical Transceiver with Limiting

The Lumentum tunable SFP+ module is a high performance tunable pluggable transceiver for use in the C-band window covering 1528 nm to 1566 nm. The

SFP Transceiver Basics: What Every Network Engineer

An SFP (Small Form-factor Pluggable) transceiver is a compact, hot-swappable module that fits into a switch, router, or media converter. It

Huawei eKitEngine Optical Module Datasheet

Huawei eKit offers a comprehensive series of pluggable optical modules in the Huawei eKit portfolio. The wide variety of modules gives you flexible and plug

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

In-Depth Analysis of SFP Modules: History, Workings,

Dive into the world of SFP modules, exploring their history, working principles, various types, applications, compatibility issues, and the correct way

What is an SFP Module? An Ultimate Guide | SFP

An SFP module works by transforming electrical signals from network devices into optical signals for transmission over fiber optic cables and

What Is an SFP Optic Module and How Does It Work

SFP optic modules convert electrical to optical signals for fast, long-distance data transfer. Hot-swappable, versatile, and compatible with various

SFP-1000BASE-T

SFP-1000BASE-T Huawei Copper Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45) Form Factor: SFP Data Rate: 1.25Gbps Wavelength: No

Huawei OEGD01N01 1000BASE-T RJ45 SFP Optical

It is a 1000BASE-T-SFP Module featuring an RJ45 Electrical Module with auto-negotiation capabilities. Designed for optimal performance, it supports a longest

Huawei Optical Modules 1000BASE-T SFP Module, RJ45 Electrical

Interface Type: SFP (Small Form factor Pluggable), which is a compact, hot pluggable transceiver used for both telecommunication and data communications applications. Data Rate: 1000BASE T,

The Ultimate Guide to SFP Optical Transceivers for

What is an SFP Optical Transceiver? Understanding SFP transceivers and their functionalities Compact Form-factor Pluggable (SFP)

The Ultimate Guide to SFP Modules (2026): Types,

SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network devices (switches, routers, firewalls) to fiber

10GE SFP+ Optical Modules

OMXD30000 OSX010000 OSX040N01 OSXD22N00 SFP-10G-BXD1 SFP-10G-BXU1 SFP-10G-ER-1310 SFP-10G-ER-SM1270-BIDI SFP-10G-ER-SM1330-BIDI SFP-10G-LR-I SFP-10G-USR SFP-10G

Huawei FE Optical Modules

34100101 - Genuine Huawei OEFD10N01 Optical Active Module, 100Base-T SFP, RJ45 Electrical Module, Auto Negotiate, 100m..

Types of Optical Modules

They are used for small-capacity, short-distance transmission. Wavelength division multiplexing modules differ from other optical modules in center wavelengths. A common optical module has a center

Small Form-factor Pluggable

The SFP transceiver contains a printed circuit board with an edge connector with 20 pads that mate on the rear with the SFP electrical connector in the host system.

Optical/Electrical Module

The wavelength of common 1.25 Gbit/s SFP/eSFP optical modules 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). 10

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

Huawei Data Center Switch Optical Transceiver Portfolio

CFP MPO24 Connector Model CFP-100G-SR10 Description High Speed Transceiver,CFP,100G,Multimode Module(850nm,10*10G,0.1km,MPO)

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