Common Huawei Optical Module Models List

Article Overview

Huawei offers a wide range of optical modules including SFP, SFP+, QSFP+, QSFP28, CFP, XFP, and eSFP, supporting transmission rates from 100M to 800GE for various networking scenarios.

Common Huawei Optical Module Types

• SFP (Small Form-factor Pluggable): Supports Gigabit Ethernet (GE) and Fast Ethernet (FE) with LC fiber connectors. Ideal for standard network connections .
• eSFP (Enhanced SFP): Similar to SFP but includes monitoring of voltage, temperature, bias current, transmit and receive optical power .
• SFP+: High-speed SFP variant supporting 10GE, compatible with LC fiber connectors .
• SFP28: Same interface size as SFP+, supports 25GE transmission .
• XFP: 10 Gigabit small form-factor pluggable, larger than SFP+, supports LC fiber connectors .
• QSFP+ (Quad SFP+): Supports 40GE, uses MPO fiber connectors, larger than SFP+ .
• QSFP28: Same interface as QSFP+, supports 100GE or 40GE depending on module type .
• CFP (Centum Form-factor Pluggable): Large module supporting high-speed data communication, dimensions 144.75 mm x 82 mm x 13.6 mm, used in 100GE and above .
• CSFP: Compact SFP variant for specific applications ....

Article Content

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

Types of Optical Modules

A common optical module has a center wavelength of 850 nm, 1310 nm, or 1550 nm, whereas a wavelength division multiplexing

Types of Optical Modules

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

01-10 OPTICAL MODULES

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

8 Pluggable Modules for Interfaces

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Types of Optical Modules

Different physical layer standards are defined to allow data transmission in different modes. Therefore, different types of optical

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Types of Optical Modules

Wavelength division multiplexing modules differ from other optical modules in center wavelengths. A common optical module has a

Understanding Pluggable Optical Modules

The following lists some common optical modules, which may not be supported by this product. The figures are for reference only.

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and

Understanding Optical Modules

A common optical module has a center wavelength of 850 nm, 1310 nm, or 1550 nm, whereas a wavelength division multiplexing

Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode

Huawei Optisches Modul Teilenummerndecoder – Offizielle

ZUSAMMENFASSUNG: Dieses Dokument bietet einen umfassenden technischen Überblick über den Huawei Optical Module Part

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei

Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all

Understanding Optical Modules

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

Understanding Optical Modules

This document explains optical modules, their types, and applications, providing a comprehensive understanding of their functionality

HUAWEI Transceiver

What are the models of Huawei Gigabit optical transceivers? Huawei Gigabit optical transceiver models are: SFP-1.25G-LX10,

Understanding Optical Modules

Understanding Optical Modules Optical Module Appearance and Structure Types of Optical Modules Optical Module Terms Rules for

Contact Us

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