

Optical Modules Compatible with H3C Switches



AI Overview

H3C switches support a wide range of optical modules including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, CFP, CFP2, and CXP, covering data rates from 100 Mbps to 400 Gbps for both short- and long-range fiber connections. Supported Optical Module Types H3C devices are compatible with various transceivers and optical modules, which are hot-swappable and designed for optical-to-electrical and electrical-to-optical conversions. Common form factors include SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, CFP, CFP2, and CXP. These modules provide functions such as optical power control, signal modulation, IV conversion, and TX-disable, ensuring reliable data transmission over fiber networks. Data Rates and Transmission Distances H3C optical modules support a wide range of data rates: 100 Mbps, 155 Mbps, 622 Mbps, 1 Gbps, 2 Gbps, 2.5 Gbps, 4 Gbps, 8 Gbps, 10 Gbps, 16 Gbps, 25 Gbps, 32 Gbps, 40 Gbps, 50 Gbps, 100 Gbps, 200 Gbps, and 400 Gbps. Transmission distances are categorized as short-range (≤ 2 km) and long-range (up to 10 km or more), depending on fiber type, wavelength, and module specifications. For example, the H3C SFP GE SX MM850 A operates at 850 nm over multimode fiber for distances up to 550 m, while single-mode modules like SFP-GE-LX-SM1310 can reach distances from 5 km to 160 km depending on wavelength and fiber type. Wavelengths Common central wavelengths for H3C optical modules include 850 nm, 1310 nm, and 1550 nm, corresponding to different fiber types and transmission distances. Modules using CWDM or DWDM technologies, such as QSFP-100G-LX4, support multiple wavelengths (1271/1291/1311/1331 nm) for high-speed data center interconnects. Third-Party Compatibility Many third-party optical modules are fully compatible with H3C switches. Vendors like NADDOD and Fiberinthebox provide mo...

Article Content

Compatibility Matrix for Transceivers and Cables

Optech optical transceivers, copper cables and active cables are 100% compatible with all major switch brands on the market. All products are tested on corresponding equipment.

H3C Compatible 10GBASE-T SFP+ Copper 30m RJ-45 Transceiver

The module features an SFP+ form factor and an RJ-45 interface, enabling the use of CAT6A/CAT7 cables for connecting to endpoints with embedded 10GBASE-T ports.

FS Transceivers | Premium Optical Transceivers & Fiber Solutions

FS Transceivers offers high-performance optical transceivers, fiber optic modules, and data center connectivity solutions. Compatible with Cisco, Arista, Juniper. Shop 400G/800G transceivers now!

Alcatel-Lucent (Nokia) 3HE00564CA 01 10GBASE-LR XFP Optical

New original: 100% genuine, brand new, with full manufacturer quality assurance. Compatible modules: Cost-effective, fully tested, compatible with Cisco, Huawei, Ericsson, Nokia, Juniper, HP, H3C,

H3C S6520XP-EI-G Switch Series Cards and Transceiver Modules ...

The following table shows the available transceiver modules for interface modules, MPUs, subcards, and devices. Copper cables are used only for interconnection between switches in

H3C LSWM1QSTK3 40G QSFP+ to 4x10G SFP+ DAC

H3C LSWM1QSTK3 Compatible 40G QSFP+ DAC Breakout Cable (1-meter, Passive, 40G QSFP+ to 4x10G SFP+) H3C LSWM1QSTK3 compatible

Plug-and-play Compatible with Cisco, H3C, and Other Mainstream

Plug-and-play compatible with Cisco, H3C, Arista, Padtec and other mainstream brand switches, cost-saving replacement for original modules Wide operating temperature -20°C~+70°C, stable

Arista QDD-400G-DR4 Compatible 400GBASE-DR4 QSFP-DD 500m

NADDOD Arista QDD-400G-DR4 Compatible 400GBASE-DR4 QSFP-DD 1310nm 500m SMF Ethernet transceiver module and designed for RoCE networking. It is compatible with Arista 7060X6-64PE

H3CSFP-XG-LX-SM1310-S 10G SFP+ Multi-mode Optical Module

High quality H3CSFP-XG-LX-SM1310-S 10G SFP+ Multi-mode Optical Module from China, China's leading product market Fibre Channel Switch product market, With strict quality control Fibre

Why 1.6T Optical Transceivers Overtake 800G in 2026 AI Clusters?

1.6T optical transceivers are overtaking 800G in 2026 AI clusters because NVIDIA Blackwell GB200 systems require doubled bandwidth per port, Silicon Photonics technology reduces power

Fiber Patch Cables Explained 2025: Types, Connectors,

Introduction: why fiber patch cables matter? In a modern data center, every high-speed optical link depends on the right fiber patch cable. These short fiber optic

400G Optical Modules 2026 Guide: DR4 vs. FR4 vs. LR8 Lab

400G FR4 delivers ~40% better fiber utilization in campus backbones LPO-compatible modules reduce power consumption by ~2.5W per port For 2026 deployments, prioritizing LPO

H3C Compatible Transceiver Module Series

Store.QSFPTEK offers H3C transceiver modules for wholesale. Get 100% compatible transceivers at a great discount in QSFPTEK Store now!

H3C Compatible 10GBASE-LR SFP+ 1310nm 10km DOM Duplex

Every unit is quality tested for compatibility in the targeted switch environment, which guarantees flawless operations. Check compatibility with our Optics-to-Device Compatibility Tool.

NVIDIA/Mellanox Compatible 800G SR8 OSFP PAM4

NVIDIA/Mellanox Compatible 800GBASE-SR8 OSFP Finned Top PAM4 850nm 100m MTP/MPO-16 APC MMF Optical Transceiver Module NVIDIA/Mellanox

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical

Compatibility Note: An SFP+ port is backwards compatible with an SFP module, but an SFP+ module will not physically or electrically operate in an

H3C Compatible Transceivers and Cables

H3C Compatible SFP-GE-T-D 1000BASE-T SFP Transceiver H3C Compatible SFP-GE-T-D 1000BASE-T Copper 100m SFP Transceiver Module Part Number: SFP-GE-T-D-HPC

Compatible HP 155M SFP Transceiver Suppliers,manufacturers ...

Tags : Compatible H3C Switch 155MBASE SMF Compatible HP 155M SFP Transceiver Single Fiber SFP BIDI Modules SFP BIDI LC Transceiver SFP BIDI Transceivers SFP BIDI Optics 3Km Read

H3C SFP GE SX MM850 A Compatible Replacement Guide

Learn about H3C SFP GE SX MM850 A specifications, applications, and compatible replacement modules for Gigabit fiber networks with reliable interoperability.

H3C Optical Modules

Original compatible & refurbished H3C transceivers. SFP+ QSFP QSFP28 DAC AOC - H3C 10GB-SR 10GB-LR 25GB 100GB QSFP56-H3C Optical Transceivers.

SFP-XG-LX-SM1310 H3C Compatibility Guide for 10G Networks

This guide provides a comprehensive overview of SFP-XG-LX-SM1310 compatibility with H3C devices, including technical specifications, deployment considerations, verification methods, and best

Fiberhome ol100cl-04 optical transceiver module | gigabit ...

Tired of frustrating network cabling issues? dealing with alarm-triggering optical modules, sky-high packet loss, and endless incompatibility issues after three replacements? don't put up with it

400G vs 800G Optical Modules: Differences, Use Cases, and

Compare optical modules for data centers and AI clusters. Learn key differences in standards, power, cabling, and use cases.

Contact Us

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