

Can H3C optical modules be used with core switches



Overview

H3C switches are compatible with a variety of mainstream optical modules, with flexible application modes (for example, supporting port speed reduction or splitting), while each manufacturer has its own application scenarios and understanding differences for MSA (for example, 200G). H3C switches are compatible with a variety of mainstream optical modules, with flexible application modes (for example, supporting port speed reduction or splitting), while each manufacturer has its own application scenarios and understanding differences for MSA (for example, 200G). H3C has developed four solutions in response to the development trend of all-optical networks: iOptic Ethernet network solution, iOptic Passive Optical LAN (POL) network solution based on the Ethernet Passive Optical Network (EPON) technology, iOptic PON+Ethernet network solution, and iOptic POL. H3C S10500 series switch products are core switching products specially designed and developed by H3C for cloud computing data center core, next-generation campus network core and metropolitan area network aggregation. Using advanced CLOS multi-level and multi-plane switching architecture, it can. H3C campus switches integrate the multi-ability of AC, SDN, PON and Security. For intelligent ultra-wideband cloud data center, full-scenario data center products and solutions are created for scale, intelligence, and visualization. You can choose optical modules as needed for data transmission over optical fibers.



Article Content

Apr 11, 2026

H3C All-Optical Network Technology White Paper-6W100

In contrast, the EPON-based POL solution leverages the EPON OLT's enhanced Ethernet forwarding and switching capabilities. iOptic network devices H3C provides an extensive array of iOptic Ethernet

Oct 24, 2025

Differences Between ST, SC, FC, and LC Fiber

Among the most widely used connectors are ST, SC, FC, and LC, each with its own history, mechanical design, and best-fit applications. This article

Apr 13, 2026

100G Single-Fiber Optical Module: New Choice for High-Bandwidth ...

Typical Application Scenarios for 100G Single-Fiber Optical Modules (1). 5G Transport Network: In the backhaul link between the 5G core network and base stations, the 100G single-fiber

Dec 11, 2025

How To Turn Off Alarms For Third-Party Modules On H3C Switches

By default, a large number of alarm messages will be generated if the module is verified as non-H3C original. H3C provides CLI commands to suppress these optical module alarm

Mar 11, 2026

H3C Tests 400G Interconnection Capabilities on Real Devices

The H3C 400G data center switch and its 400G DSP & LPO optical module recently participated in an interoperability live demonstration. The H3C S9827-128DH high-density 400G

Aug 26, 2025

H3C S10500X Series Multiservice Core Switch-H3C

H3C S10500X series switch is designed for the core layer of data centers and next-generation campus networks as well as the distribution layer of MANs. It provides the following features: Advanced

Nov 16, 2025

100G Single-Fiber Optical Module: New Choice for High-Bandwidth ...

100G single-fiber optical modules,with their core advantage of enabling bidirectional transmission over a single fiber,are becoming a key device for conserving fiber resources and

May 28, 2026

H3c Lscm2cgt24tssc8 Optical Interface Switching Routing Engine

Use only compatible H3C optical modules. Ensure proper chassis cooling and power supply. Avoid static electricity during installation.

Dec 19, 2025

Switches-H3C

H3C S12500 Series Data Center Switches Services integration and intelligent access H3C has been deeply engaged in the campus network for many years with

Mar 09, 2026

Switches-H3C

Switches Services integration and intelligent access H3C has been deeply engaged in the campus network for many years with various product levels. It can provide users with full-scenario product

Jan 17, 2026

LC Fiber Optics: Complete Guide 2026 to Patch Cables,

Explore LC fiber optics in depth: LC connectors, LC patch cables, uniboot designs, attenuators, breakout cables, LC adapters, patch panels, MPO

Feb 06, 2026

800G Silicon Photonic Switches: Revolutionizing AIGC

It is mainly used to achieve power consumption reduction while reducing latency and cost; CPO is used to move optical modules close to the

Nov 15, 2025

H3C S7500X Enterprise Core Switch Series-H3C

H3C S7500X switch series supports Multi-VRF function, which can be used as MCE equipment supporting L3 MPLS VPN and L2 MPLS VPN (Martini and Kompella). It also supports MPLS OAM

Mar 09, 2026

What kind of Optic Module can be used on BF3(900-9D3B6-00CV

I want to connect my Bule-field3 (900-9D3B6-00CV-AA0) with 2x200G port to switch (H3C 9825-64D) with a breakout fible. At switch side the network interface is QSFP-DD 400G, and

Feb 10, 2026

H3C S10500X-G Series Next Generation Core Switch-H3C

H3C S10500X-G is a high-end Switch series designed for the core layer in intelligent Campuses and Data Centers. Powered by the H3C COMWARE 7 network operating system, the S10500X-G offers

Apr 11, 2026

Differences Between ST, SC, FC, and LC Fiber

SC is more stable and is widely used in routers and switches, whereas ST is more common in older patch panels. Q2: Which connector is used

Sep 14, 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, common types, and naming conventions of optical modules, causes of

Nov 20, 2025

NSComm100G Optical Transceiver Modules: A Practical Guide

Most 100 G Ethernet optics you'll encounter in data centers and enterprise backbones use this housing. In short: if you want a 100 Gbps Module that "just works" across mainstream switches,

Mar 01, 2026

NVIDIA/Mellanox MMA1T00-VS Compatible 200GbE

Description NVIDIA/Mellanox MMA1T00-VS Compatible 200GbE QSFP56 MMF Optical Transceiver Module (MPO APC 850nm SR4 100m) NVIDIA/Mellanox

Sep 24, 2025

H3C Products Catalogue

H3C S12500X-AF is a new generation chassis switch product developed by H3C for high-density 40G/100G/400G data center core network applications. It inherits and develops the CLOS+

Oct 04, 2025

New H3C S10500 Series Ethernet Core Switch Optical Transmission ...

ETU-LINK can provide optical modules of various specifications compatible with H3C equipment. All optical module products have passed the real machine test before shipment to ensure

Aug 10, 2025

SFP Module Guide: SFP vs SFP+ vs SFP28 vs QSFP and How to

Learn what an SFP module is, how SFP, SFP+, SFP28, and QSFP differ, and how to choose the right module for speed, distance, fiber type, and compatibility.

Feb 22, 2026

How To Read Optical Module Information On H3C Switches

Optical modules are widely used in switches, network cards, routers, and other communication equipment. Reading optical module information during use helps understand its real-time operating

Sep 23, 2025

Switches-H3C

H3C industrial switches can operate in -40°C - 75°C environments for a long time, and use industrial components to reach IP40 rating. At the same time, with shockproof, anti-electromagnetic

Contact Us

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