

H3C Switch Multimode Fiber Optic Card



Article Overview

H3C multimode fiber optic cards use SFP+ or QSFP transceivers to enable high-speed optical connections over multimode fiber, typically for short-range data center and enterprise networks.

Overview

H3C switches support a variety of optical transceivers for multimode fiber (MMF) connections, including SFP, SFP+, SFP28, QSFP+, and QSFP28 modules . These transceivers perform optical-to-electrical and electrical-to-optical conversions, providing functions such as optical power control, signal modulation, and decision regeneration . Multimode fibers have thicker cores than single-mode fibers, allowing multiple light modes to propagate, but they are generally limited to short-range transmission due to inter-mode dispersion .

Common H3C Multimode Fiber Modules

- H3C SFP-XG-SX-MM850-E: A 10Gbps SFP+ short-range transceiver operating at 850nm, designed for OM3/OM4 multimode fiber. It is widely used in top-of-rack switches, aggregation switches, and server interconnects for low-latency, cost-efficient 10G Ethernet links .
- H3C SFP-GE-SX-MM850-A/D: Supports 1GbE over multimode fiber, with typical link distances up to 550 meters. These modules are cost-effective and suitable for Gigabit Ethernet and Fibre Channel applications .
- QSFP28 100G SR4: For high-density 40G/100G multimode fiber connections, often used in data center core or ToR switches. These modules support short-range multi...

Article Content

H3C S6520X-SI Series Multi-Gigabit 10GE Switches-H3C

H3C S6520X-SI Series Switches—Industry-leading high performance and scalable 10GE access switching solution with modular

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

H3C S7500X-G Series High-End Multiservice Routing Switch

H3C S7500X-G is a high-end multiservice routing switch series designed to deliver exceptional service convergence experience. It

Multimode Dual Fiber 10G Optical Modules H3C SFP-XG-SX-MM85

H3C SFP-XG-SX-MM850-D 10G Multimode Dual Fiber 10G Optical Module. H3C SFP-XG-SX-MM850-D Compatible

H3C SFP-XG-SX-MM850-D SFP+ 10GBASE-SR Multimode Transceiver

The SFP-XG-SX-MM850-D 10GBASE-SR LC Duplex SFP+ compatible with H3C has a receiving function (receiver with

H3C SFP-FE-SX-MM1310-A 100BASE-FX SFP (mini

H3C SFP-FE-SX-MM1310-A compatible SFP transceiver supports up to 2km link lengths over multi-mode

10G Optical Transceiver SFP-10G-SR Compatible H3C Dual Fiber Switch

Buy 10G Optical Transceiver SFP-10G-SR Compatible H3C Dual Fiber Switch for Various Brands 300M Multimode Fiber Optic

Antaira SFP-10G-M-H3

SFP-10G-M-H3. The SFP-10G-M is designed to transmit and receive optical data over 50/125 μm or 62.5/125 μm multimode optical

H3C S1200 Unmanaged Gigabit Ethernet Switch Series

H3C S1200 is self-developed unmanaged Gigabit switch series by H3C, which delivers wire-speed Gigabit Ethernet connectivity, in

Optical Module 10G SFP SR Multimode 300m for AI Data Centers

Optical Module 10G SFP SR MultiMode 300m for H3C Huawei CISCO Switch in AI Computing Data HPC Center. Reliable fiber optic

H3C Transceiver Modules User Guide

Transmission distances provided by optical transceiver modules are mainly limited by certain loss and dispersion suffered during the

H3C S6520X-HI Series Advanced Aggregation 10GE Switches

H3C S6520X-HI series switches — Industry-leading high performance and scalable 10GE access switching solution developed by

Building 400G DCI Networks with D7000 Series

Network Transmission FS 400G DCI solution uses the D7000 series for streamlined point-to-point networking. It supports 100GE,

Single-mode vs Multimode SFP 2026: Fiber Types and

A guide to single-mode vs multimode SFP modules. Covers fiber types, wavelengths, distances, BiDi,

H3C Products Catalogue

H3C FS5500V2-EI series switches support a new generation of optical and electrical combined interfaces and provide 300m PoE++

Guide to Fiber Network Cards: 10G/25G/100G NIC

Comprehensive guide to fiber NICs: SFP/SFP+/SFP28/QSFP28 speeds, SMF vs MMF, DAC

H3C S6520X-EI Series Enhanced 10GE Switches

H3C S6520X-EI Series Switches—Industry-leading high performance and scalable 10GE access switching solution developed by

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.

Optical Switches Multi Mode

Fiber optical multimode MM switches with fiber core diameters ranging from 50 µm to 600 µm.

H!Fiber 10G Multimode SFP+ LC Module, 10GBase-SR Fiber

H!Fiber offers one-stop Datacenter solution and products, including SFP Transceivers, DAC Cables,

H3C 10G Multimode Optical Module SFP-XG-SX-MM850-E 850nm

New original H3C 10G multimode optical module SFP-XG-SX-MM850-E 850nm 10G LC interface The H3C 10GBASE-SR SFP+

H3C S9850 Series Data Center Switches

H3C S9850 high-density intelligent series switches is developed for data centers and cloud computing networks. It provides powerful

Guide to Fiber Network Cards: 10G/25G/100G NIC

Fiber network cards are no longer niche, they're central to modern servers, storage, and AI

H3C S7500X Enterprise Core Switch Series

H3C S7500X switch series is the first of its kinds in the industry to support wire speed performance for high density 10G/40G/100G

H3C ES4200 Gigabit Switch Series

H3C ES4200 series is the latest development of Gigabit speed managed Ethernet switch. Besides high-performance access, it also

Contact Us

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