

How to choose between H3C and Huijue optical modules



Summary of Content

H3C and Huijue optical modules may work together if key specifications match, but compatibility is not guaranteed without testing or vendor confirmation.

Key Factors for Compatibility

- **Form Factor:** H3C devices support multiple transceiver form factors including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, CFP, and CFP2 . Huijue modules must match the same form factor to physically fit the H3C device.
- **Data Rate:** H3C modules operate at speeds ranging from 100 Mbps to 400 Gbps . The Huijue module must support the same data rate as the H3C port to ensure proper communication.
- **Wavelength and Fiber Type:** Optical modules must use the same wavelength (e.g., 850 nm, 1310 nm) and compatible fiber type (single-mode or multimode) . Mismatched wavelengths or fiber types can prevent communication or degrade signal quality.
- **Connector Type:** H3C modules use SC, LC, or MPO connectors, with MPO connectors being female and available in 12, 16, or 24 fibers . Huijue modules must have compatible connectors to establish a proper link.
- **Operating Mode:** Both modules should support the same duplex mode (full-duplex or half-duplex) . A mismatch can result in failed transmission.

Practical Considerations

Article Content

How to make Huijue compatible with other optical modules

When it comes to the connection between two fiber optic transceivers, the following four factors should be taken into considerations:

How to Choose Optical Modules Correctly?

Optical modules are pivotal components in optical fiber communication systems, operating at the physical layer—the

Can H3C switches connect to Huijue optical modules

H3C switches generally require modules with compatible coding, so Huijue optical modules may work if they are specifically coded

Support

You can choose optical modules as needed for data transmission over optical fibers. The optical modules include optical

Support

Insert PoE optical transceiver modules only into the photoelectric hybrid ports (PSFP or PSFP+ ports). To connect the photoelectric

Everything You Need to Know About Optical Modules

Factors to consider when choosing optical modules include optical wavelengths, single-mode or multimode modules,

Single-mode vs Multimode SFP 2026: Fiber Types and distances

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

H3C Servers Compatibility Lookup Tools

Query transceiver modules compatible with interconnect modules to provide compatibility

What are the differences between h3c optical modules ...

Users should consider the actual transmission distance when choosing.If the transmission distance is long, it is

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right

Contact Us

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