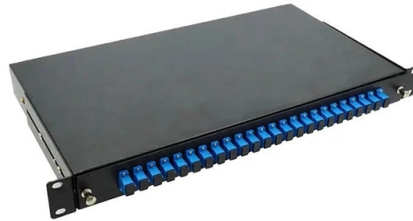


Optical modules compatible with GS6



Summary of Content

GS6 switches support MSA-compliant optical modules, including SFP, SFP+, QSFP, and QSFP-DD, provided they are tested and approved for the GS6 platform.

Key Compatibility Considerations

1. Form Factor and Data Rate: GS6 switches typically support multiple optical module form factors such as SFP, SFP+, QSFP, and QSFP-DD, covering speeds from 1G to 400G. Ensure the module matches the port type and speed of the GS6 switch . 2. MSA Compliance: Modules that follow Multi-Source Agreements (MSAs) are designed for interoperability across vendors. Common MSAs include SFP, SFP+, QSFP, QSFP-DD, OSFP, and CFP series. MSA-compliant modules from different vendors can work on GS6 switches if the switch firmware supports them . 3. Vendor-Specific Testing: Even if a module is MSA-compliant, some switches may restrict third-party modules. It is recommended to use modules that have been tested and certified for GS6 to avoid operational issues . 4. Fiber Type and Distance: Choose the correct fiber type (single-mode or multimode) and optical distance. Multimode fibers include OM1, OM2, OM3, OM4, and OM5, suitable for short-range connections, while single-mode fibers support longer distances. Mismatched fiber types can prevent connectivity . 5. Hot-Swappable and EOS Support: GS6 switches support hot-swappable modules, but ensure the module is compatible with the minimum EOS (Extensible Operating System) version required for the specific transceiver .

Recommended Approach

- Check the GS6 compatibility matrix or vendor documentation for approved modules.
- Select MSA-compliant modules with the correct form factor and speed.

Article Content

Cisco Optics-to-Device Compatibility Matrix

Cisco Optics-to-Device Compatibility Matrix Comprehensive compatibility information for Cisco optical transceivers and network

Optical Transceiver Interoperability and Compatibility Guide

Will the modules be compatible and operate flawlessly on my switches? This article will lead you to figure out the

Compatibility Finder | Compatible Optical Transceivers | OptiModule

Use the OptiModule Compatibility Finder to search Cisco, Juniper, Arista, Dell, Huawei and HPE compatible optical transceivers.

Extreme Optics Data Sheet

Extreme strongly recommends the use of Extreme Networks - certified pluggable transceiver modules with Extreme Networks

Optical modules compatible with GS6

MSA Optical Transceivers: Standards, Compatibility, and Deployment This guide provides practical, solution-driven insights,

Cisco Transceiver Modules

These tools offer search or query options so you can quickly determine optics-to-device compatibility and optics-to

Optical Transceiver Cross Reference Guide: Cisco, Arista & Juniper

Optical Transceiver Cross-Reference Matrix The cross-reference matrix below allows engineers to map OEM part

Cisco Optics-to-Device Compatibility Matrix

Comprehensive compatibility information for Cisco optical transceivers and network devices Disclaimer: Cisco makes the data in this

Optics Selector

Optics Selector provides an end-to-end view of two network devices (switches, routers, NICs) connected by Cisco optics and cables.

Cisco Compatible Optical Modules Catalog

Cisco Compatible Optical Modules Catalog - Official Technical Overview & Hardware Datasheet

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