

100Mbps and 1Gbps ports on optical modules



Overview

Each module provides 100 Mbps or 1000 Mbps optical connections. The type of switch, router, or other component determines the compatible type of SFP module. Use only Extreme Networks-certified SFP, SFP+, and SFP28 modules in the SFP port on the hardware. A 100BASE FX SFP is a 100Mbps Fast Ethernet optical transceiver designed to transmit data over multimode fiber using the 100BASE-FX standard. It combines the Fast Ethernet physical layer specification with the compact Small Form-factor Pluggable (SFP) interface, allowing flexible deployment in. 100 Megabit SFP optical transceiver modules use LC connectors. The 100FX transceivers enabled by Aruba Switches use an SGMII (Serial Gigabit MII) interface with 8B/10B encoding. Learn product details such as features and benefits, as well as hardware and software specifications. Use the tables below to pick the exact 1G SFP you need—then sanity-check with the ordering checklist at the end. A standard 1000BASE-SX or 1000BASE-LX SFP cannot simply be configured to run at 100 Mbps because its optical PHY is fixed at 1 Gbps.

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See 1G SFP types—SX/LX/EX/ZX, BiDi, CWDM/DWDM, and 1000BASE-T—with distances, wavelength pairs, temp grades, and Cisco/Huawei/Ruijie examples.



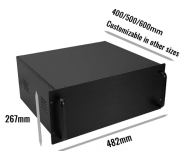
GLC-GE-100FX is a Cisco SFP module that lets a Gigabit Ethernet port on a Cisco switch or router carry a 100BASE-FX optical link. A standard 1000BASE-SX or 1000BASE-LX SFP cannot ...



These modules are available from Extreme Networks. For current information about hardware support and the minimum required software for SFP modules, refer to the most recent version of the Extreme ...



Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.



Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right transceiver for Cisco, Juniper, and more.



Featuring low power consumption, the hot swappable 1G SFP transceiver is ideal for enterprise networking for LAN applications and different other networking places using copper connections. The ...



The optical transceiver contains an EEPROM. It provides access to sophisticated identification information that describes the transceiver's capabilities, standard interfaces, manufacturer, and other ...



Product Description 1Gbps, 100Mbps compatible*, Single-mode, 1550nm, LC, 80Km, DDMI



Gigabit SFP ports generally do not support 100Mbps modules unless explicitly dual-rate. Upgrading to 1Gbps may require replacing both modules and switching hardware.



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Contact Us

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