

Is the ESFP optical module gigabit or 10 gigabit



Overview

Huawei eSFP modules support both Gigabit Ethernet (1G) and 10 Gigabit Ethernet (10G) standards, serving as the backbone for internal data exchange, VoIP, video conferencing, and cloud-based applications. Small form-factor pluggable (SFP) optical modules are compact, hot-swappable, low-speed optical modules. They comply with the specifications defined in the multi-source agreement (MSA) and support synchronous optical network (SONET), Gigabit Ethernet (GE), fiber channel, and other communication. An optical transceiver is a modular component that converts electrical signals into optical signals (and vice versa). Installed in switch or router ports, transceivers enable fiber-based communication between network devices. Key characteristics include: Speed: 1 Gbps, 10 Gbps, 25 Gbps, or higher. Therefore, eSFP is also called SFP sometimes. Engineered for reliability, scalability, and seamless integration, these modules support high-speed data transmission.

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Choosing the wrong module can lead to costly mismatches, link instability, or wasted budget. This guide provides a clear, practical comparison among the most common transceiver types ...



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The huawei Optical Transceiver eSFP GE Multi-Mode 850nm LC 0.55km is a high-performance, hot-swappable Gigabit SFP module designed for reliable data transmission over multi-mode fiber networks.



Most enterprise switches (Cisco, Aruba, Juniper) allow 10G SFP+ ports to accept 1G SFP modules. However, you may need to manually set the port speed to 1000Mbps in the switch ...



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Data Sheet datasheet is intended to guide the user through the various options available when choosing an optic module for a given platform depending on the architecture.



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Contact Us

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