

List of Single-Mode Fiber Optic Module Chip Models

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.

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.

Shop DigiKey's large in-stock selection of Fiber Optic Transceiver Modules. View inventory, pricing and order now for same day shipping!

Single-mode optical module chips are the core enablers of long-distance, high-speed optical communication. Laser chips, photodetectors, driver/amplifier chips, modulators, and DSPs ...

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

Discover high-performance single mode SFP modules for your network. Compatible with major brands like Cisco, Ubiquiti, and more.

This single-mode fibers buying guide provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

In this guide, you will learn what a single mode SFP transceiver is, how it works, the key specifications and types available, and where it is commonly used.

SFP transceivers are valued for their flexibility, low power consumption and ability to support both single-mode and multimode fiber, making them ideal for short-range and long-haul optical transport.

All optical transceivers are RoHS compliant and could be 100% compatible with branding equipment, such as Cisco, Extreme, Juniper, HP, H3C, Linksys, Huawei, Alcatel-Lucent, Foundry, Nortel, ...

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