



Single-mode dual-fiber SFP optical module

In the world of fiber optic networks, the choice between single-mode and multi-mode SFP (Small Form-factor Pluggable) modules drives performance, distance, cost, and application suitability.

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

1.25G SFP MODULE- 1.25Gbps SFP Optical Transceiver, Dual LC single-mode fiber, 1310nm, up to 20km super long distance transmission for POE switch with SFP uplinks.

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.

A guide to single-mode vs multimode SFP modules. Covers fiber types, wavelengths, distances, BiDi, CWDM/DWDM, SMF vs MMF selection, and application scenarios.

What Is a Single Mode SFP Transceiver? A single mode SFP transceiver is an optical module that uses laser-based transmission over single mode fiber to deliver long-distance, high-speed data ...

Perle SFP Optical Transceivers are hot-swappable, compact media connectors that provide instant fiber connectivity for your networking gear. They are a cost effective way to connect a single network ...

BiDi (Bidirectional) SFP - Single-fiber SFP modules for FTTH and fiber-efficient networking, allowing both transmit and receive signals to travel over a single optical fiber.

In this blog, BlueOptics introduces you to both fiber types of SFP modules, multi-mode and single-mode, and highlights the aspects in which they differ.

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.



**Single-mode
module**

dual-fiber

SFP

optical

Web: <https://www.maxtools.co.za>

