



# Fiber optic transceiver single-mode Columbia division

Learn what a single mode SFP transceiver is, how it works, key specs, common types, and real-world use cases for long-distance fiber optic networks today.

Mouser offers inventory, pricing, & datasheets for Singlemode Fiber Optic Transmitters, Receivers, Transceivers.

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.

Powered by a high-efficiency 1310 nm wavelength Fabry-Pérot laser diode, the transceiver supports data rates of up to 1.25 Gbps over a reach of up to 20 km on duplex single-mode fiber optic cables.

Fiber distance support up to 40 km Wavelength Division Multiplexing (WDM) technology uses a single fiber link to transmit data over separate wavelengths for transmission and reception Wavelengths: ...

Single strand fiber solutions are the simplest way to fiber optimization, immediately doubling the capacity of the installed fiber plant. Instead of using two dedicated strands, one for receiving and the other ...

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 ...

The LevelOne SFP-4330 is a high-performance, cost-effective 1.25Gbps BiDi (WDM) Industrial SFP transceiver designed for single-mode fiber for the link up to 20km applications.

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

Communicate from 16 to 80 kilometers with port-powered single-mode fiber-optic transceivers.

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