

Fiber Optic Transceiver Single-Mode Dual-Power



Overview

The Single Mode SFP Module is a high-performance, hot-pluggable transceiver designed for 1. 25Gbps data transmission over long distances. It supports up to 20 kilometers on 9/125 μ m single-mode fiber (SMF) and is compliant with industry standards, ensuring reliable and efficient. Singlemode Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. SFP (Small Form-factor Pluggable) transceivers are essential components in modern fiber optic networks, enabling network devices such as switches, routers, and servers to transmit and receive data over optical fiber. Both of them use LC connectors and are collectively referred to as LC SFP transceivers. The primary differences between them are the types of fiber they support and their. 1. COMPATIBILITY- Compatible with Cisco and other Open Switches: D-Link, Supermicro, Netgear, Fortinet, TP-Link and Ubiquiti UNIFI. Fiber-Optic Link— Connect a pair of transceivers and an SEL-C809 Single-Mode Fiber-Optic Cable with ST connectors for EIA-232 communication between devices over a fiber-optic link. Fast Data Rates— Transfer data at. Published: 2026 | Category: Network Hardware Knowledge Base / Optical Communications Core Keywords: SFP Module, SFP Transceiver, Small Form Factor Pluggable, What is SFP, SFP vs SFP+ Read Time: Approx.



Article Content

The Ultimate Guide to SFP Modules (2026): Types,

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

Single-mode vs Multimode SFP: What's the Difference?

Discover the differences between single-mode and multimode SFP transceivers. Learn which one suits your network needs for optimal performance

SFP modules – transceivers for 1/2/4G fibre channel

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

StarTech J9151A-ST HPE J9151A Compatible SFP+ Module

Refresh Request Quote StarTech J9151A-ST HPE J9151A Compatible SFP+ Module 10GBASE-LR 10GbE Single Mode Fiber Optic Transceiver | NEW FACTORY SEALED HKD 2,274.00 Add to cart

FTL4C1QE1C Finisar FTL4C1QE1C 40GBASE-LR4 QSFP+ Optical Transceiver ...

Fiber Optic Transceivers Connector Type LC Power Source DC 5 V Use Data center Network 5G, Wired LAN, 4 G Model Number FTL4C1QE1C Brand Name Finisar Place of Origin Guangdong, China

Singlemode Fiber Optic Transmitters, Receivers, Transceivers

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

1.25G SFP Module Transceiver, 1000Base-LX,1310nm

1.25G SFP MODULE- 1.25Gbps SFP Optical Transceiver, Dual LC single-mode

Single Mode SFP Module | 1.25Gbps 1310nm 20km

The Single Mode SFP Module is a high-performance, hot-pluggable transceiver designed for 1.25Gbps data transmission over long distances. It supports up to

4pcs,10G Single-Mode SFP+ LC Module, 10GBase-LR Fiber

Plug-and-Play: 10G-LR transceiver with advanced DDM function to monitor parameters and status of fiber optic connections in real time; Supports hot-swap, plug and play; Meets SFP+ MSA and SFF

Small Form-factor Pluggable

SFP transceivers are available with a variety of transmitter and receiver specifications, allowing users to select the appropriate transceiver for each link to

Single Mode Fiber Price

Find reliable single mode fiber prices from top suppliers. Shop high-quality optical cables and accessories for your communication needs. Bulk orders welcome.

SEL-2829 Single-Mode Fiber-Optic Transceiver/Modem

Improve safety, signal integrity, and reliability by using two optical fibers instead of wire to transfer bidirectional serial data using single-mode optical fiber.

Gigabit Switch Fiber Optic Transceiver Industrial-Grade Rail

Gigabit Switch Fiber Optic Transceiver Industrial-Grade Rail Networking Ring Network Gigabit 2 Optical 4 Electrical Port

Optical Transceiver Market Size, Share, and Trends Analysis 2032

The global Optical Transceiver market size was estimated at USD 13.08 Billion in 2024 and is estimated to grow at a CAGR of 15.41% from 2025 to 2032.

Single Mode vs Multimode SFP Modules: Which One to

Short answer: No. Single mode and multimode optic fibers, or SFP modules, are developed with incompatible structure and light transmission

Amazon : Fiber To Ethernet Converter

2 Pack 1.25G/s Bidi Gigabit Single-Mode Fiber to Ethernet Media Converter with 2PCS Bidi SFP LC Dual Transceiver Module Included, 10/100/1000Base-Tx to 1000Base-LX SMF RJ45 to SFP Slot up

Optical Transceiver Market Insights and Growth Report

A single-mode fiber transceiver is a self-contained optical transceiver module that can receive and send data over single-mode optical fiber cables that enable

StarTech HP JD119B Compatible SFP Transceiver Module

StarTech HPE JD119B Compatible SFP Module - 1000BASE-LX - 1GbE Single Mode (SMF) Fiber Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM HPE 5900, 12500, 5500

High Sensitivity Low Price SFP28 10G/25G Dual Rate 10km LR Single-mode ...

Type Optical Fiber Transceiver Connector Type Duplex LC Power Source Single +3.3V power supply Use FTTH Network Wired LAN Model Number LS-SM3125E-10I Brand Name LINK-PP Place of

Boost Connectivity with Reliable optic data transmitt Solutions for ...

YYGL 1.6T OSFP 8x200G-PAM4 1310nm 500m DR8 Dual MTP/MPO-12 APC Single-mode Fiber Optic Transceiver PIN Detector Siph Transmitter

Single Mode SFP Transceiver: Complete Guide Explained

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.

HTB GS 03 AB Gigabit Fiber Media Converter 10 100 1000M Single Fiber ...

3 YEARS Port 2 Power - Minimum Receivable 20 Frequency Range 10/100/1000
Product name Fiber Media converter Type Fiber Optic Transceivers Connector Dual Fiber Use FTTH/FTTX Network

The Difference Between Single/Dual Fiber and

As a global supplier of high-quality magnetic and optical connectivity solutions, LINK-PP offers a wide range of transceiver modules that support both

BTON 80KM Optic SFP Transceiver 1490nm/1550nm DFB and APD

Key attributes Type Fiber Optic Transceivers Connector Type LC Model Number BT-OC24-80A/B Brand Name BTON Place of Origin Guangdong, China Warranty Time 3 Years Brand Name BTON Type

Fiber Optic Converters: A Beginner's Guide

A technical guide explaining the various types of fiber optic converters available today, including their signal type, mounting options, and powering.

Contact Us

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