

# Fiber optic transceiver single-mode 20km range



## 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 9/125μm single-mode fiber (SMF) and is compliant with industry standards, ensuring reliable and efficient. The NS. 100GBASE-BX20 QSFP28 Optical Transceiver Module for Ethernet and Data Center (SMF, 1310nm-TX/1280nm-RX, 20km, LC, Extended Temp, DOM) The QSFP28 transceiver provides 100GBase-BX throughput up to 20km over single-mode fiber (SMF) using a wavelength of 1310nmTx/1280nmRx via an LC connector. This. An SFP 20km transceiver is a small form-factor pluggable optical module designed to transmit Gigabit Ethernet signals over distances of up to 20 kilometers using single-mode fiber. This product is already in your quote request list. Integrated DOM support enables real-time performance monitoring. MSA-compliant for broad compatibility with major switch brands.



## Article Content

700\_ Fiber Optic Transmitters, Receivers, Transceivers

Details Transceivers 1510 nm 1 Gb/s Singlemode SFP 0 C + 70 C LC 120 km NTR  
Fiber Optic Transmitters, Receivers, Transceivers Fujitsu FC95700080 Compatible  
TAA OC-48-SR SFP

1PC 10/100M Fiber Optic Media Converter Transceiver Singlemode

Transmission distance up to 20Km. Fiber Type Singlemode. SC fiber optic interface type. Provides eight standard RJ45 interface and one SC fiber interface. 6,Extend fiber-optic distance up to 120km with

Singlemode Fiber Optic Transmitters, Receivers, Transceivers

Singlemode Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Singlemode Fiber Optic Transmitters, Receivers,

Optical Transceivers / SFP Modules – High-Performance Compatible Fiber ...

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and

StarNet Ruijie SLGE-20KM-SM1310 1.25G Single-Mode Gigabit SFP Optical ...

Key attributes Type Fiber Optic Transceivers Connector Type SFP Power Source NO  
Use Internal Model Number Ruijie SLGE-20KM-SM1310 Brand Name Ruijie Place of  
Origin Fujian, China

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.

25G BiDi SFP28 80KM Optical Transceiver | FiberMania

Perfectly designed for 25g bidi sfp28 optical transceiver 1270/1330nm 80km single-mode fiber LC for switch, router, and server optical connections.

1.25G Single Fiber SFP Transceiver BIDI Gigabit Ethernet Module 3

SFP 1.25G BIDI 3Km, 10Km, 20Km, 40Km, 60Km, 80Km, 100Km, 120Km SM SF LC  
DDM Single fiber single mode Optical Module This bi-directional unit must be used  
with another transceiver or network

Module SFP 1,25 LX, 1310nm, 20km, 2xLC (14dB), DDM

A two-fiber optical transceiver with an SFP form factor for 1G Ethernet, complies with the 1000Base-LX standard. Designed to work in single-mode optical fiber

## Understanding Transceiver Pull Tab Colors:

The Hidden Meaning Behind Optical Transceiver Pull Tab Colors In the fast-paced world of high-speed data centers and enterprise networks, optical

## SFP 20km Selection Guide: Key Specs for 1G Transceiver

Discover how to select SFP 20km transceivers for 1G networks. Learn key specs, fiber compatibility, optical power budget, and deployment considerations.

## Cisco QSFP-100G-B20U4-I and QSFP-100G-B20D4-I 100G 20km

Whether it's building a network or upgrading an existing network, the Cisco® QSFP-100G-B20U4-I and QSFP-100G-B20D4-I transceivers provide 100G connectivity for platforms at up to 20km on single

## Single-mode optical fiber

In fiber-optic communication, a single-mode optical fiber, also known as fundamental- or mono-mode, is an optical fiber designed to carry only a

## 1.25G 20km Single Mode SFP Transceiver (LX, 1310nm, LC)

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.

## SFP-4330 1.25Gbps Single-mode BIDI(WDM) Industrial SFP

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.

## Single Mode Fiber SFP Transceiver 1.25G 20KM LC

This device supports single-mode 1310/1550nm wavelength transmission over distances up to 12.43 mi (20 km). It features a hot-pluggable LC connector,

## Amazon : Fiber To Ethernet Converter

A Pair of Gigabit Single Mode LC Fiber Media Converter, with 2 Pcs SFP LX Modules, 1.25G/s Fiber to Ethernet Converter, 1000Base-LX to 10/100/1000base-TX, SFP to RJ45, SMF, 1310nm, up to 20km

## Fiber Optic Transceiver: The Simple Guide to What It Is

A fiber optic transceiver converts electrical signals to optical signals (Tx) and back again (Rx). This guide breaks down the complex components

## Transceiver Optical Module Cisco 10G SFP+ TX1330/RX1270nm

Fiber Optical Transceiver|Optical Module Cisco Compatible 10G SFP+ BiDi TX1330nm RX1270nm 20km LC/UPC Single Mode Specifications With TX wavelength of 1330nm and an RX wavelength of

SFP Fiber Optic Transmitters, Receivers, Transceivers – Mouser

SFP Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for SFP Fiber Optic Transmitters, Receivers, Transceivers.

Hereta 4K HDMI Optical Video Extender 10.2Gbps Mini HD Fiber

About This HDMI Fiber Converter with external stereo audio, transmits an uncompressed lossless HDMI 1.4a signal, RS232 signal and stereo audio up to 20km over a single fiber optic cable,Data rate up

Gigabit Ethernet

Optical fiber transceivers are most often implemented as user-swappable modules in SFP form or GBIC on older devices. IEEE 802.3ab, which defines the widely

10Gtek 1.25G SFP Transceiver 1000Base-LX, 1310nm SMF ...

1000BASE-LX/LH SFP to LC Optical Gigabit Ethernet Fiber transceiver module, 1.25G Singlemode MiniGBIC SFP (supports OS1/OS2/OS3 fiber cables), Duplex LC connector, 1310nm, DDM, up to 13km. [Wide Compatibility] Compatible with Cisco GLC-LH-SMD, Meraki MA-SFP-1GB-LX10, Ubiquiti UniFi, Fortinet,

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

Single Mode vs Multimode Fiber, What is The

Learn the key differences between single mode vs multimode fiber cables and choose the right one for your fiber optic system.

1G SFP 1000BASE-LX Transceiver

This hot-swappable SFP transceiver delivers reliable 1 Gigabit Ethernet connectivity for extended-distance single-mode fiber applications. Operating at a 1310nm

Single Fiber 20 km SFP Optical Transceiver: PLANET MGB-TLA20

PLANET MGB-TLA20 is SFP Single Fiber Transceiver supporting 1.063-1.25Gbps data rate in 20 km distance over Single-Mode Fiber (SMF).

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://lwazipm.co.za>

Email: [info@lwazipm.co.za](mailto:info@lwazipm.co.za)

Phone: +27 82 415 6392

Address: 15 Oxford Street, Rosebank, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

