

# Lc Single-Mode Single-Core 10 Gigabit Optical Module



## Overview

The Optical Transceiver SFP+ 10G Single-Mode Module 1310nm 10km LC is a high-performance, compact networking component designed to deliver 10 Gigabit Ethernet connectivity over single-mode fiber (SMF). Click to get your 10G SFP+ transceiver modules from nearby warehouses. Backed by RoHS, CE, and FCC certifications and serial-numbered for traceability, our transceiver meets the highest quality. 10Gtek's 10GSFP-BD-10-U/D (pair) is a pair of 10Gbps SFP+ BiDi transceivers supporting up to 10 km over single LC SMF fiber, following IEEE 802. These BiDi SFP+ BiDi transceivers consists of Driver IC, eeprom I2C, Tx1270nm DFB or Tx1330nm DFB laser, PIN- (tia) base on. If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission distance is only 20km due to different specifications such as wavelength and receiving sensitivity. Compliant with the 10GBASE-LR standard, this module provides high-speed data transmission up to 10 kilometers (6. 2 miles) over Single Mode Fiber (SMF).

## Article Content

### Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Multi-mode links can

Accortec 100-01509-ACC 10Gbps 10GBase-LR OC-192/STM-64 Single-Mode ...

Product Description Accortec 100-01509-ACC 10Gbps 10GBase-LR OC-192/STM-64 Single-mode Fiber 10km 1310nm Duplex LC Connector XFP Transceiver Module Product Condition:Refurbished

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the

BTON 1.25G Optical Fiber Transceiver 1550nm 60km Dual LC DDM Singlemode ...

BTON 1.25G Optical Fiber Transceiver 1550nm 60km Dual LC DDM Singlemode Transceiver Gigabit SFP Module for HPE/Cisco/IBM

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

Small-Form Factor Pluggable (SFP) and Stacking Accessories

This article provides technical data on Fiber Transceivers and stacking accessories compatible with Meraki devices.

SFP Transceiver Optical Fiber Single-Mode LC 1000Base-BX

Must be used with the two-way SFP optical transceiver module WDM in Gigabit fiber, Intellinet model 508599 or Cisco model GLC-BX40-D Data transfer rate: 1000 Mbps One LC port in 1000Base-BX

Optical Transceiver SFP+ 10G Single-Mode Module 1310nm 10km LC

The Optical Transceiver SFP+ 10G Single-Mode Module 1310nm 10km LC is a high-performance, compact networking component designed to deliver 10 Gigabit Ethernet connectivity

GenZ Hardware EMC 100-652-590 16Gb/S 16GBase-LW Single-Mode

Product Description EMC 100-652-590 16Gb/s 16GBase-LW Single-Mode Fibre 1310nm 10km Duplex LC Connector SFP+ Transceiver Module Product Condition:Refurbished General Information

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

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

A Pair of 1.25G Gigabit Ethernet Fiber Media Converters with SFP LC ...

Buy A Pair of 1.25G Gigabit Ethernet Fiber Media Converters with SFP LC Single Core Transceiver Module, Single-Mode LC, SMF RJ45 to SFP Slot up to 30KM, 10/100/1000Base-Tx to 1000Base-SX

40KM 1550nm Single Mode Duplex Gigabit Optical Module LC/SC

BTON Communication is a worldwide supplier and manufacturer of fiber optic connectivity products since 2009, special for sfp transceiver, media converter, video optical converter and poe switch. Our

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Kaufen Sie BlueOptics SFP, SFP+, QSFP und QSFP28 Transceiver, DAC und AOC Kabel direkt ab Lager. Versand heute.

SFP+ Transceiver 10G Single LC Module

10Gtek's 10GSFP-BD-10-U/D (pair) is a pair of 10Gbps SFP+ BiDi transceivers

How to tell the difference between single mode and multimode fiber ...

Commonly, 850nm SFP can reach up to 550 meters with multimode fiber optics, and the 1550nm SFP supports up to a maximum of 160km via single mode fiber cables. On the other hand,

10G SFP+ LR 1310 nm 10 km Optical Transceiver

The 10G SFP+ LR 1310 nm 10 km Optical Transceiver Module delivers carrier-grade performance for 10 Gigabit Ethernet links up to 10 km over ITU-G.652

GenZ Hardware Brocade 57-1000115-01 10Gb/S 10GBase-LR Single-Mode

Product Description Brocade 57-1000115-01 10Gb/s 10GBase-LR Single-Mode Fibre 1310nm 10km Fibre Channel Duplex LC Connector SFP+ Transceiver Module Product Condition:New General

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Single-Mode vs Multi-Mode Fiber Optic & SFP Modules – Know the Difference

☐☐ Choosing the right fiber optic cable and SFP module is critical for building reliable and scalable networks.

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

Website: <https://www.truhope.co.za>

Email: [sales@truhope.co.za](mailto:sales@truhope.co.za)

Phone: +27 64 987 3021

Address: 22 Loop Street, Cape Town, 8001, South Africa

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