

Fiber Optic Transceiver Single-Mode LC 100Mbps



Article Overview

A 100Mbps single-mode LC fiber optic transceiver is a hot-swappable SFP module designed for long-distance Ethernet connectivity over single-mode fiber, typically operating at 1310nm.

Key Specifications

- Data Rate: 100 Mbps (Fast Ethernet)
- Fiber Type: Single-mode (SMF)
- Connector: LC Duplex
- Wavelength: 1310nm
- Maximum Distance: Varies by model, from 10 km (StarTech.com) to 60 km (Planet Technology) and up to 100 km (HMS Networks) depending on the transceiver and fiber quality
- Operating Mode: Half/Full-Duplex
- Digital Diagnostics Monitoring (DDM): Supported on most modules for real-time status reporting
- Hot-Swappable: Yes, compatible with MSA-compliant SFP ports
- Power Consumption: Typically

Article Content

Nov 08, 2025

SFP-1FESLC-T Moxa compatible Double Fiber 100M 550 m SFP

Moxa SFP-1FESLC-T SFP compatible module with 1 100Base single-mode with LC connector for 40 km transmission, -40 to 85°C

Dec 21, 2025

100BASE FX SFP: Complete Guide to 100Mbps Fiber Transceivers

100BASE-FX is a Fast Ethernet fiber optic standard defined by the IEEE under IEEE 802.3u. It specifies 100Mbps data transmission

Sep 10, 2025

H!Fiber 10G Single Mode SFP+ LC Module, 10GBase-LR Fiber Transceiver ...

H!Fiber offers one-stop Datacenter solution and products, including SFP Transceivers, DAC Cables, Network Card,

Oct 12, 2025

Cisco 100BASE-X Small Form-Factor Pluggable

The Cisco 100BASE-LX10 SFP operates on ordinary single-mode fiber-optic (SMF) link

Jun 07, 2026

SFP & SFP+ Transceiver Modules | 1G, 10G, 25G, 40G

Check out Lantronix's Simplex SFP transceiver lineup — featuring Cisco-compatible and MSA-compliant

Oct 07, 2025

H!Fiber 1.25G Single Mode SFP LC Module, 1000Base-LX/LH Fiber ...

H!Fiber offers one-stop Datacenter solution and products, including SFP Transceivers, DAC Cables, Network Card, Media

Jan 10, 2026

100 Mb/s Singlemode Transceivers Fiber Optic Transmitters,

Mouser offers inventory, pricing, & datasheets for 100 Mb/s Singlemode Transceivers Fiber Optic Transmitters, Receivers,

Dec 14, 2025

MFB-F60 Single Mode, 100Mbps SFP Fiber Transceiver

PLANET's 100Mbps Fast Ethernet SFP Fiber Transceiver utilizes a wavelength of (1310nm) FP LD, which

Apr 07, 2026

StarTech MSA Uncoded Compatible SFP Module

StarTech MSA Uncoded Compatible SFP Module - 100BASE-LH - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb

May 10, 2026

StarTech Single-Mode (SM) LC Fiber Media Converter for

StarTech Single-Mode (SM) LC Fiber Media Converter for 10/100/1000 Network - 40km - Gigabit Ethernet - 1310nm- with SFP

Dec 08, 2025

Transceivers

Transceivers The Hirschmann line has a variety of transmitter and receiver options available, allowing users to choose the correct

May 27, 2026

SFP Transceiver

SFP Transceiver - Singlemode - 100km Item number FSFIBER-SFP-100 The 100Mb SFPfbr xcvr sm 1310

Jun 02, 2026

100 Mb/s Singlemode Transceivers Fiber Optic Transmitters,

100 Mb/s Singlemode Transceivers Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser

Oct 21, 2025

Complete Guide to Choosing the Right 100M Optical Transceiver

Choose the right 100M optical transceiver by checking compatibility, fiber type, wavelength, distance, data rate,

Jun 15, 2026

MFB-F60 Single Mode, 100Mbps SFP Fiber Transceiver

SFP Fiber Transceiver PLANET's 100Mbps Fast Ethernet SFP Fiber Transceiver utilizes a wavelength of

Jul 30, 2025

100M SFP Transceiver Modules Data Sheet | FS

Featuring low power consumption, the hot swappable 100BASE SFP transceiver is ideal for Internet Service Provider

Mar 11, 2026

Cisco Fast Ethernet SFP Modules

100BASE-BX: SFP operates on ordinary single-mode SINGLE STRAND fiber optic link spans of up to 10km in length. A pair of a

Jun 15, 2026

SFP LC Connector: Everything You Need to Know

The SFP LC connector is a necessary part of fiber optic communication, used in switches, routers, and transceivers

Apr 01, 2026

Lantronix Simplex SFP Modules | Single-Fiber BiDi,

Lantronix's Simplex SFP Transceiver modules offer an efficient, single-fiber approach to fiber connectivity,

Jul 22, 2026

SFP-Transceiver

Er verwendet LC-Steckverbinder, arbeitet mit einer Wellenlänge von 1310 nm und unterstützt die Datenübertragung über große

Nov 19, 2025

Tripp Lite Ethernet Adapter, USB 3.0 Singlemode Fiber Optic Transceiver ...

EASY INSTALLATION USB 3 0 LC Fiber Transceiver Ethernet adapter is fully hot-swappable so you can install it without a network

Feb 17, 2026

100Base-LX SFP Module

100% MSA UNCODED SFP TRANSCEIVER: Designed, programmed and tested to work with compatible

Nov 12, 2025

Omnitron Fast Ethernet SFP Module LC Single Mode

With a single wavelength of light, the single mode fiber optic can carry data and transmit audio/video

Sep 02, 2025

SFP Transceiver

It uses LC connectors, operates at a 1310nm wavelength, and supports long-distance data transmission up

Feb 24, 2026

SFP Transceiver LC, Single Mode, 10KM 1000BASE-LX – Fiber Savvy

Description SFP Optical Fiber Transceiver Modules, GLC-LH-SM, 1000BASE-LX, 1310nm SMF, up to 10KM, LC, Cisco Compatible

Jan 21, 2026

1000Base-LX SFP Module

MSA Uncoded SFP Module - 1000BASE-LX - 1GbE Single Mode Fiber (SMF) Optic Transceiver - 1GE

Jul 01, 2026

SFP Transceiver Single Mode: High-Performance Solutions

An SFP (Small Form-Factor Pluggable) transceiver single mode LC module is a compact, hot-swappable device used in networking

Aug 14, 2025

StarTech MSA Uncoded Compatible SFP Module

About this item MSA UNCODED SFP TRANSCEIVER: Designed, programmed and tested to work with compatible MSA compliant

Sep 27, 2025

StarTech MSA Uncoded Compatible SFP Module

The SFP transceiver module supports a maximum distance of up to 10 km (6.2 mi) and delivers

Contact Us

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

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

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

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

