

LC port single-mode fiber optic transceiver TP-Link



AI Overview

TP-Link offers single-mode LC SFP+ transceivers like the TL-SM5110-LR, supporting 10 Gbps full-duplex connections over distances up to 10 km.

Key Specifications

Model: TL-SM5110-LR (10G SFP+) and TL-SM321B (1G SFP)

Data Rate: 10 Gbps for TL-SM5110-LR, 1 Gbps for TL-SM321B

Wavelength: 1310 nm for TL-SM5110-LR; TL-SM321B uses 1310 nm for TX and 1550 nm for RX

Fiber Type: Single-mode (9/125 μm)

Port Type: LC duplex connector

Maximum Distance: Up to 10 km for TL-SM5110-LR and TL-SM321B using single-mode fiber

Duplex Support: Full-duplex operation

Operating Temperature: 0–70 °C for TL-SM5110-LR

Power Consumption: Less than 1.5 W

Hot-Pluggable: Yes, allowing easy installation and replacement without powering down devices

Compatibility and Use Cases

The TL-SM5110-LR is compatible with any device featuring a 10G SFP+ interface, including switches, routers, servers, and media converters. It can also work with devices from other manufacturers, though compatibility is not guaranteed. This module is ideal for high-speed connections between networks, buildings, or campus environments, providing reliable 10 Gbps links over long distances. The TL-SM321B is a 1G single-mode SFP module suitable for extending network reach up to 10 km, often used in enterprise or ISP networks where 1 Gbps connections are sufficient.

Features and Benefits

High-Quality Metal Housing: Durable and prevents accidental unplugging

Real-Time Monitoring: Simplifies maintenance and fault detection

Plug-and-Play: No configuration required, making deployment straightforward

Protective Dust Plug: Ensures optical ports remain clean until connection

Summary

For 10G single-mode fiber connections, the TL-SM5110-LR is the recommended TP-Link transceiver, offering long-distance, full-duplex performance with LC ports. For 1G applications, the TL-SM321B provides a c...

Article Content

1 Pair 1.25G SFP Transceiver Single-Mode Single-Fiber SFP Module

1 Pair 1.25G SFP Transceiver Single-Mode Single-Fiber SFP Module with LC Connector 10 for H3C and Ruijie Description Power Source and Wireless Functionality: This transceiver is non-powered and

TP-Link TL-SM5110-LR 10GBase-LR SFP+ LC Transceiver

This single-mode SFP+ module supports a full-duplex operation and boasts a data rate of 10 Gbps over a wavelength of 1310nm. It features an LC duplex port and can extend up to 10km using 9/125um

TL-SM5110-LR

It is a 10GBASE-LR high performance 1310 nm single-mode SFP+ transceiver. It supports full duplex, 10G Ethernet connections up to 10 km with 9/125µm fiber

TP-Link ISM321B-20 network transceiver module

Performance SFP transceiver type: Fiber optic Maximum data transfer rate: 1250 Mbit/s Interface type: SFP Single-mode fiber (SMF) supported: Yes Fiber optic connector: LC (UPC) Fiber cable diameters

Used TP-Link TPLINK Transceiver TL-SM5110-LR TL-SM5110LR (TL

MPN: TL-SM5110-LR Item Weight: 1g Brand: TP-Link Item Width: 3mm Connectivity: Optical Fiber Port Compatible With: Laptop, Personal Computer, Tablet, Smart Television Type: Network Transceivers

SFP-10G-W3520-A Avanis | europages

10/5/2.5 Gigabit Fiber LR BiDi SFP+ Module, TX: 1270nm, RX: 1330nm, with SM LC 20 km, DDM functionality, temperature range 0~70 °C Application area: | Small Office / Home Office, Small to

TP-Link TL-SM311LS (SM311LS) Compatible 1000BASE-LX 10km

TP-Link TL-SM311LS (SM311LS) Compatible 1000BASE-LX/LH SFP 1310nm 10km-20km Transceiver supports 1G gigabit Ethernet throughput over singlemode fiber (SMF) with LC connector.

TP-Link TL-SM321B 1G SFP Transceiver Modul Single

TP-LINK TL-SM321B verwendet den neuesten 1000Base-BX-Standard,

TP-Link Omada Gigabit SFP Module | 1000Base-LX

The SM311 series Fiber Module Cards are introduced for extending transfer distance. Attached to our managed/smart switches, they can extend the

TP-Link TL-SM5110-LR | 10G-LR SFP+ LC Transceiver, Single-Mode

TP-Link TL-SM5110-LR | 10G-LR SFP+ LC Transceiver, Single-Mode-SFP-Modul | Plug and Play | LC Duplex-Schnittstelle | Hot Pluggable | bis zu 10 km Entfernung | unterstützt SFP+MSA & DDM

TP-Link Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface,

Home Active Equipment Transceivers, Modules & Accessories TP-Link Transceivers & Modules TP-Link Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface, Up to 10km Distance Excellent 4.83 / 5

TL-SM5110-LR | 10GBase-LR SFP+ LC Transceiver

It is a 10GBASE-LR high performance 1310 nm single-mode SFP+ transceiver. It supports full duplex, 10G Ethernet connections up to 10 km with 9/125µm fiber

world.taobao : tp-link tl-sh3428p 10 gigabit uplink three ...

welcome to taobao purchase tp-link tl-sh3428p 10 gigabit uplink thread-layer managed core gigabit poe switch with 4 optical and 24 sports, taobao taobao taobao/tmall number billion hot selling goods,

fiber to ethernet converter | Newegg

TP-Link Gigabit SFP to RJ45 Fiber Media Converter, Fiber to Ethernet Converter 10/100/1000Mbps RJ45 Port to 1000Base-SX Multi-Mode Fiber (MC200CM) Black Standards: IEEE 802.3ab, IEEE

StarTech Cisco GLC-LH-SMD Compatible SFP Module

StarTech Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LX/LH - 1GbE Single Mode Fiber Optic Transceiver - 1GbE SFP - LC 10km - 1310nm - DDM Cisco Firepower, ASR920, IE2000

TP-Link TL-SM5110-LR 10GBase-LR SFP+ LC

This SFP+ (Small Form-factor Pluggable Plus) transceiver features LC connectors and is compliant with IEEE 802.3ae for 10 Gigabit Ethernet

StarTech HPE J9151A Compatible SFP+ Module | PCBoost

StarTech HPE J9151A Compatible SFP+ Module - 10GBASE-LR - 10GbE Single Mode Fiber Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM HPE 2920, 2910al, 3500yl.

Omada Aggregation 32-Port 10GE SFP+ Switch

*It is recommended to use a maximum of 8 10G RJ45 SFP+ modules (SM5310-T) for the SX3032F, with one module used for every two sets of SFP+ slots.

OVTSC SFP Optical Module 1.25G Tx1310/Rx1550nm Single Fiber Single Mode ...

OVTSC SFP Optical Module 1.25G Tx1310/Rx1550nm Single Fiber Single Mode 10KM Transmission Distance LC Interface DDM SFP Transceiver for Switches Routers (10 inches / 25.4 cm)

Fiber Optic Networking Products in Uganda

Jiji.ug 47+ Fiber Optic Networking Products for sale in Uganda From US\$ 4,000 Wi-Fi, LAN & enterprise gear Boost your speed today!

TP-Link Omada SM5110-LR | 10G-LR SFP+ LC

The single-mode SFP+ transceiver supports full duplex and 10G

5 Best Fiber Optic Cable For Internet | 30M Armored Fiber: Speed

In this guide, I break down the most reliable fiber optic cable for internet installations, covering armored outdoor runs, flexible indoor patch cables, and the exact connector types your ISP's ONT expects to

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

TL-MC101 | Gigabit Single-Mode Media Converter | TP-Link

TL-MC101 is a media converter designed to convert 1000BASE-LX fiber to 1000Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX standards, TL

Network Transceivers, Fiber to Ethernet Converters

Shop a wide selection of Network Transceivers from Startech, Trendnet and more! Newegg offers the best prices, fast shipping and top-rated customer service!

TL-FM511 | 10GBase-LR SFP+ LC Transceiver | TP-Link

It is a 10GBASE-LR high performance 1310 nm single-mode SFP+ transceiver. It supports full duplex, 10G Ethernet connections up to 10 km with 9/125µm fiber

Contact Us

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

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

Email: ekomedsolar@gmail.com

Phone: +86 13816583346

Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

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

