



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

## Product Images



## Description

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

Upgrade your network performance with the TP-Link TL-SM5110-LR 10GBase-LR SFP+ LC Transceiver, designed to deliver lightning-fast 10 Gbps speeds over distances up to 10 km. Ideal for data centers, enterprise networks, and high-speed communication needs, this transceiver ensures seamless and reliable connectivity. With its compatibility with SFP+ MSA, IEEE 802.3ae, and SFF-8472 standards, it integrates effortlessly into your existing infrastructure. Plus, the Digital Diagnostic Monitoring (DDM) feature provides real-time monitoring of critical parameters, ensuring optimal operation and easy maintenance.

Experience the benefits of enhanced network performance with the TL-SM5110-LR. Its hot-swappable design allows for convenient installation and maintenance without disrupting network traffic. The advanced transmitter and receiver capabilities ensure low power consumption and high data integrity, making it a cost-effective solution for long-range, high-speed networking.

Whether you're upgrading an existing network or deploying a new one, the TP-Link TL-SM5110-LR provides the performance, reliability, and ease of use you need to stay ahead in today's fast-paced digital world.

## FEATURES

- Single-mode SFP+ LC Transceiver
- Hot-Pluggable with maximum flexibility
- Supports Digital Diagnostic Monitoring (DDM)
- Compatible with 10G Small Form Pluggable Multi-Source Agreement (SFP+ MSA)
- Compatible with switches with 10G SFP+ ports, like JetStream TL-SG3428X, TL-SG3428XMP, and more.

## SPECIFICATIONS

- **Transmission Speed:** Up to 10.3125Gbps
- **Transmission Distance:** Up to 10km
- **Standards and Protocols:** IEEE 802.3ae, SFF-8472
- **Power Supply:** 3.3V
- **Operating Temperature:** 0°C to 70°C
- **Output Power:** -8.2 to 0.5dBm
- **Center Wavelength:** 1290nm to 1310nm
- **Max. Input Power (Saturation):** 1dBm
- **Min. Input Power (Sensitivity):** -14.6dBm
- **Dimensions (WDH):** 67.413.7513.8mm
- **Safety & Emission:** FCC, CE

## CONTENTS

- 10G SFP+ Module TL-SM5110-LR
- Installation Guide

## WARRANTY

[3-Year Manufacturer's Warranty](#)

