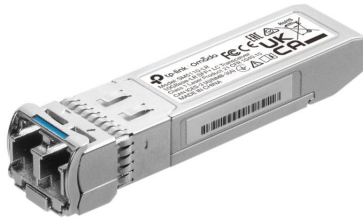


# TP-Link SM5110-LR Datasheet



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

SM5110-LR

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

The SM5110-LR (TL-SM5110-LR) is designed to extend transfer distances based on 10Gbps Ethernet connectivity. 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 9/125  $\mu$ m fiber cables respectively.

## 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 SG3428X, TL-SG3428XMP, and more.

## Specifications

- DDM: Yes
- SFP-MSA: Yes
- Hot Swappable: Yes
- Dimensions (W\*D\*H): 2.2\*0.5\*0.4 in (56.7\*13.9\*10.35 mm)
- Standards and Protocols: IEEE 802.3ae, TCP/IP

- Wave Length: 1310 nm
- Power Supply: 3.3V
- Fiber Type: 9/125um Single-Mode
- Max. Cable Length: 10 km
- Data Rate: 10 Gbps
- Port Type: LC Duplex
- Safety & Emission: FCC, CE
- Environment:
  - Operating Temperature: 0–70 °C (32–158 °F)
  - Storage Temperature: -40–85 °C ( -40–185 °F)
  - Operating Humidity: 10–90% RH, Non-Condensing
  - Storage Humidity: 5–90% RH, Non-Condensing

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