

# TP-Link SM5110-SR Datasheet



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

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The SM5110-SR (TL-SM5110-SR) is designed to extend transfer distances based on 10Gbps Ethernet connectivity. It is a 10GBASE-SR high performance 850nm multi-mode SFP+ transceiver. It supports full duplex, 10G Ethernet connections up to 300m or 33m with 50/125  $\mu$ m or 62.5/125  $\mu$ m fiber cables respectively.

## Features

- Multi-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): 2.4\*0.6\*0.5 in (61.3\*14.5\*12.2 mm)
- Standards and Protocols: IEEE 802.3ae, TCP/IP, SFF-8472

- Wave Length: 850nm
- Power Supply: 3.3V
- Fiber Type: 50/125um or 62.5/125um Multi-mode
- Max. Cable Length: 300m (OM3)
- Data Rate: 10Gbps
- Port Type: LC/UPC
- Safety & Emission: FCC, CE
- Environment:
  - Operating Temperature: 0–70 °C (32–158 °F)
  - Storage Temperature: -40–80 °C (-40–176 °F)
  - Operating Humidity: 10–90% RH non-condensing
  - Storage Humidity: 5–90% RH non-condensing

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