

TP-Link SM6110-LR Datasheet



TP-Link SM6110-LR 10G/25Gbase-LR SFP+/SFP28 LC Transceiver

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The SM6110-LR is designed to extend transfer distances based on 10G/25G Ethernet connectivity. It is a 10G/25GBASE-LR high performance 1310 nm single-mode SFP+/SFP28 transceiver. It supports full duplex, 10G/25G Ethernet connections up to 10 km with 9/125 μ m fiber cables respectively.

Features

- Single-mode SFP+/SFP28 LC Transceiver
- Hot-Pluggable with maximum flexibility
- Supports Digital Diagnostic Monitoring (DDM)
- Low Power Consumption no more than 1.2 W
- Compatible with 10G/25G Small Form Pluggable Multi-Source Agreement (SFP+/SFP28 MSA)
- Compatible with switches with 25G ports like SX6632YF; and 10G ports like SG3428X and SG3452X.

Specifications

- DDM: Yes
- SFP-MSA: Yes
- Hot Swappable: Yes
- Dimensions (W x D x H): 2.24*0.55*0.47 in (57*14*12 mm)

- Standards and Protocols:
 - IEEE 802.3ae, 802.3cc
 - SFF-8402, SFF-8431, SFF-8432, SFF-8472
 - eCPRI, CPRI
 - TCP/IP
- Wavelength: 1310 nm
- Power Supply: 3.3V
- Fiber Type: 9/125um Single-Mode
- Max. Cable Length: 10 km
- Support Data Rate: Dual Rate 25.78 Gbps and 10.31 Gbps
- Connector: Duplex LC/UPC
- Regulatory Compliance: CE, FCC, RoHS
- Environment:
 - Operating Temperature: 0°C to 70°C (32°F to 158°F)
 - Storage Temperature: -40°C to 85°C (-40°F to 185°F)
 - Operating Humidity: 10% to 90% RH, Non-Condensing
 - Storage Humidity: 5% to 90% RH, Non-Condensing

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