TP-Link SM6110-SR Datasheet

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

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The SM6110-SR is designed to extend transfer distances based on 10G/25G Ethernet connectivity. It is a 10G/25GBASE-SR high performance 850nm multi-mode SFP+/SFP28 transceiver. It supports full duplex, 10G/25G Ethernet connections up to 70m (OM3) @25.78Gbps, 100m (OM4) @25.78Gbps and 300m (OM3) @10.31Gbps respectively.

Features

- Multi-mode SFP+/SFP28 LC Transceiver
- Hot-Pluggable with maximum flexibility
- Supports Digital Diagnostic Monitoring (DDM)
- Low Power Consumption no more than 1 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*0.53 in (57*14*13.45 mm)

- Standards and Protocols
    - IEEE 802.3ae, 802.3by
    - SFF-8402, SFF-8431, SFF-8432, SFF-8472
    - eCPRI, CPRI
    - TCP/IP
- Wavelength: 850nm
- Power Supply: 3.3V
- Fiber Type: 50/125um or 62.5/125um Multi-mode
- Max. Cable Length: 70m (OM3) @25.78Gbps, 100m (OM4) @25.78Gbps, 300m (OM3) @10.31Gbps
- 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 (32–158 °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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