

LC Transceiver

Datasheet

SM6110-LR

25GBase-LR SFP28 LC Transceiver



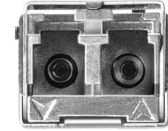
Highlights

- 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.

Overview

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.

Product Pictures



Specifications

Hardware Features & Performance		
Model	SM6110-LR	
General	Standards	IEEE 802.3ae, IEEE 802.3cc, SFF-8402, SFF-8431, SFF-8432, SFF-8472, eCPRI, CPRI, TCP/IP
	Wave Length	1310 nm
	Power Supply	3.3V
	Fiber Type	9/125um Single-Mode
	Max. Cable Length	10 km
	Data Rate	10.31 Gbps/25.78 Gbps
	Connector	Duplex LC/UPC
	Certifications	CE, FCC, RoHS
	Hardware Features	DDM; SFP28 MSA; Hot Swappable
	Dimensions (W x D x H)	57*13.9*11.72 mm (2.2*0.5*0.5 in)
	Laser Class	Class 1
Max. Laser Output Power	1.66 mW (2.2 dBm)	
Physical & 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	5% to 85% RH Non-condensing
	Storage Humidity	5% to 85% RH Non-condensing

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