

## LC Transceiver

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### Datasheet

#### SM6110-SR

25GBase-SR SFP28 LC Transceiver



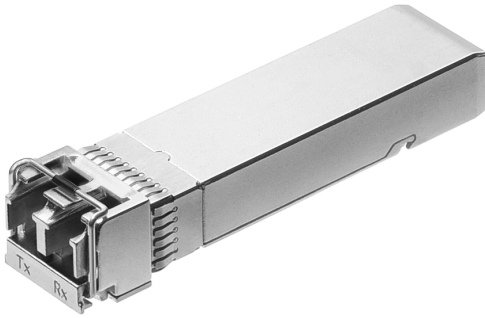
## Highlights

- 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.

## Overview

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.

# Product Pictures



## Specifications

Hardware Features & Performance		
Model		SM6110-SR
General	Standards	IEEE 802.3ae, IEEE 802.3by, SFF-8402, SFF-8431, SFF-8432, SFF-8472, eCPRI, CPRI, TCP/IP
	Wave Length	850 nm
	Power Supply	3.3V
	Fiber Type	50/125um or 62.5/125um Multi-mode
	Max. Cable Length	70 m (OM3) @25.78Gbps 100 m (OM4) @25.78Gbps 300 m (OM3) @10.31Gbps
	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)	56.75*14*11.26 mm (2.2*0.6*0.4 in)
	Laser Class	Class 1
	Max. Laser Output Power	1.74 mW (2.4 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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