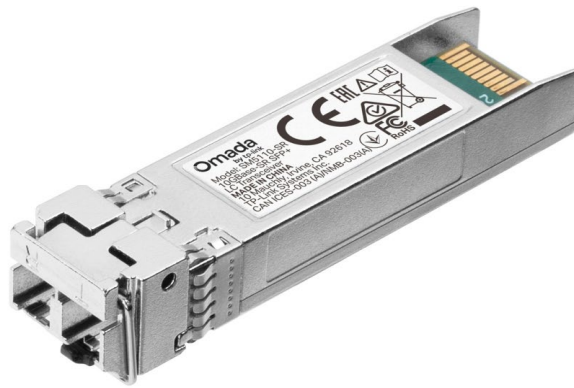


LC Transceiver

Datasheet

SM5110-SR

10GBase-SR SFP+ LC Transceiver



Highlights

- Multi-mode SFP+ LC Transceiver
- Hot Swappable 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, SG3428XMP, and more.

Overview

The 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 50/125µm or 62.5/125µm fiber cables respectively.

Specifications

Hardware Features & Performance

Model		SM5110-SR
General	Standards and Protocols	IEEE 802.3ae, TCP/IP, SFF-8472
	Wave Length	850 nm
	Dimensions (W*D*H)	2.4*0.6*0.5 in (61.3*14.5*12.2 mm)
	Power Supply	3.3V
	Safety & Emission	FCC, CE
	Fiber Type	50/125 or 62.5/125 μm multi-mode fiber
	Max. Cable Length	300 m (50/125 μm cable), 33 m (62.5/125 μm cable)
	Data Rate	10 Gbps
	Port Type	LC Duplex
	Hardware Features	<ul style="list-style-type: none">• DDM• SFP-MSA• Hot Swappable
	Max. Laser Output Power	0.794 mW (-1 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	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing