

10G SFP+ SR 300m Transceiver



S-SFP-10G-SR

Quick Facts

- For 10GBASE-SR Ethernet links
- Supported Data Rates:
600 Mbit/s – 11.3 Gbit/s
- Up to 300 m via Multimode OM3
- LC-Duplex Connector

Applications

- 10GBASE-SR/SW 10G Ethernet
- 8/10G Fibre Channel
- Gigabit Ethernet

Description

S-SFP-10G-SR SFP+ transceiver modules are designed for use in 1 Gigabit Ethernet links over multimode fiber (MMF) for a max. distance of 300m. They are compliant with the SFP+ MSA and IEEE 802.3ae-2002 **10GBASE-SR** standard. Digital Diagnostics Management is available. The optical transceiver is compliant per the RoHS Directive 2011/65/EU4.

Specifications

General			
Form Factor	SFP+	Connector / Polish	LC-Duplex PC
Interface	Multimode	Type	SR
Bandwidth	600 Mbit/s – 11.3 Gbit/s	Distance	300 m
Temperature Range	0°C – 70°C	Power Consumption	1 W
DDM	Yes, internally calibrated	CDR	None
SGMII	No	Inbuilt FEC	No

Optical			
Wavelength Tx (typical)	850 nm	Wavelength Rx (typical)	850 nm
Transmit min / max	-5 dBm / -1 dBm	Receiver min / max	-9.9 dBm / -1 dBm (overload)
Power Budget	4.9 dB	Receiver Type	PIN
Laser	VCSEL	Modulation	NRZ
Transmit and Dispersion Penalty	3.9 dB	Extinction Ratio	3 dB



Protocols	
• Gigabit & 10G Ethernet	• LTE 9.830G / 7.373G
• 8G & 10G FC	/ 6.144G / 4.915G /
• LTE 6.144G / 3.072G / 1.536G / 0.768G OBSAI	2.458G / 1.22G / 0.614G CPRI

Warranty

The Switch2Open transceivers include a 1-year limited hardware warranty, which covers parts, repair, or replacement after the unit is received.

Support & Services

Additional support levels including next business day advance replacement are available on demand.

Ordering Information

Part Number	Description
S-SFP-10G-SR	10G SFP SR Transceiver, 850nm, LC, 300m