

## 25G SFP28 SR 100m Transceiver



### S-SFP-25G-SR

#### Quick Facts

- For 25GBASE-SR Ethernet links
- Supported Data Rates: 25.78 Gbit/s
- Up to 100 m via Multimode OM4
- LC-Duplex Connector
- Integrated Clock-Data-Recovery (CDR)

#### Applications

- 25GBASE-SR 25G Ethernet
- 100G SR4 fan out to 4x25GE SR

#### Description

**S-SFP-25G-SR** SFP28 transceiver modules are designed for use in 25 Gigabit Ethernet links over multimode fiber (MMF) for a max. distance of 100m. They are compliant with the SFP28 MSA and IEEE 802.3by **25GBASE-SR** standard. Digital Diagnostics Management is available. The optical transceiver is compliant per the RoHS Directive 2011/65/EU4.

### Specifications

General			
Form Factor	SFP28	Connector / Polish	LC-Duplex PC
Interface	Multimode	Type	SR
Bandwidth	25.78 Gbit/s	Distance	100 m
Temperature Range	0°C – 70°C	Power Consumption	1.2 W
DDM	Yes, internally calibrated	CDR	TX and RX
SGMII	No	Inbuilt FEC	No

Optical			
Wavelength Tx (typical)	850 nm	Wavelength Rx (typical)	850 nm
Transmit min / max	-8.4 dBm / 2.4 dBm	Receiver min / max	-10 dBm / 3.5 dBm (overload)
Power Budget	1.6 dB	Receiver Type	PIN
Laser	VCSEL	Modulation	NRZ
Extinction Ratio	2 dB		



Protocols	
• 25G Ethernet	

### 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-25G-SR	25G SFP28 SR Transceiver, 850nm, LC, 100m