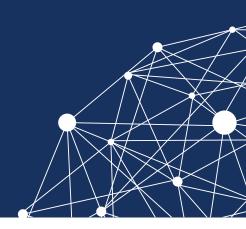


Datasheet

25G SFP28 SR 100m Transceiver





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.





25G SFP28 SR 100m Transceiver

Specifications

General				
Form Factor	SFP28	Connector / Polish	LC-Duplex PC	
Interface	Multimode	Туре	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



