

1G SFP LX Transceiver S-SFP-1G-LX



Quick Facts

- 1000BASE-LX Ethernet
- 1.05 Gbit/s - 1.25 Gbit/s
- Up to 10 km via Singlemode OS2
- LC-Duplex Connector
- MSA Standard



Applications

- Gigabit Ethernet
- 1G Fibre Channel



Description

The Switch2Open S-SFP-1G-LX transceiver supports 1000BASE-LX links up to 10 km over Singlemode OS2 fiber using an LC-Duplex connector. It features Digital Diagnostic Monitoring (DDM), ensuring reliable high-speed data transmission for Ethernet and Fibre Channel applications.

Specifications

General		Optical	
Form Factor	SFP	Wavelength (TX/RX Typical)	1310 nm
Media Type	Singlemode	Transmit min/max	-9 dBm / -3 dBm
Max Data Rate	1.05 Gbit/s - 1.25 Gbit/s	Receiver min/max	-18 dBm / -3 dBm (overload)
Max Distance	10 km	Power Budget	9 dB
Max Power Consumption	1 W	Laser	FP
Connector	LC-Duplex PC	Receiver Type	PIN
Temperature Range	0°C to 70°C	Modulation	NRZ
Type	LX	Extinction Ratio	9 dB
Digital Diagnostic Management (DDM)	Yes, internally calibrated		
CDR	None		
Inbuilt FEC	No		



Warranty

With Switch2Open transceivers, you're protected by a 1-year robust hardware warranty, covering parts, repair, or replacement upon return of the faulty unit



Support & Services

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



Protocols

- Gigabit Ethernet,
- 1G Fibre Channel

Ordering Information

Part Number	Description
S-SFP-1G-LX	Switch2Open 1G SFP LX Transceiver, 1310 nm, LC, Singlemode, 10 km