

10G SFP+ LR Transceiver S-SFP-10G-LR



Quick Facts

- 10GBASE-LR Ethernet
- 600 Mbit/s - 11.3 Gbit/s
- Up to 10 km via Singlemode OS2
- LC-Duplex Connector
- MSA Standard



Applications

- 10G Ethernet
- 10G Fibre Channel
- 1G Ethernet
- 8G Fibre Channel
- LTE



Description

The Switch2Open S-SFP-10G-LR transceiver supports 10GBASE-LR links up to 10 km over Singlemode OS2 fiber with an LC-Duplex connector. Designed for flexibility, it ensures reliable high-speed data transmission for Ethernet, Fibre Channel, and LTE applications.

Specifications

General		Optical	
Form Factor	SFP+	Wavelength (TX/RX Typical)	1310 nm
Media Type	Singlemode	Transmit min/max	-8.2 dBm / 0.5 dBm
Max Data Rate	600 Mbit/s - 11.3 Gbit/s	Receiver min/max	-14.4 dBm / 0.5 dBm (overload)
Max Distance	10 km	Power Budget	6.2 dB
Max Power Consumption	1 W	Laser	DFB
Connector	LC-Duplex PC	Receiver Type	PIN
Temperature Range	0°C to 70°C	Modulation	NRZ
Type	LR	Extinction Ratio	3.5 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

- 10G Ethernet
- 10G Fibre Channel
- LTE CPRI
- LTE OBSAI

Ordering Information

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