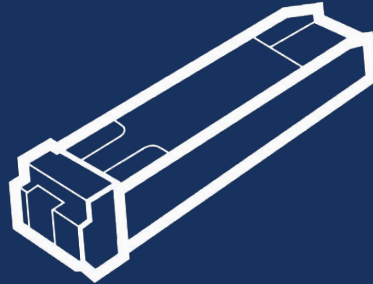


## 10G SFP+ ER 40km Transceiver



### S-SFP-10G-ER

#### Quick Facts

- For 10GBASE-ER Ethernet links
- Data Rates: 600 Mbit/s – 11.1 Gbit/s
- Up to 40 km via Singlemode OS2
- LC-Duplex Connector

#### Protocols

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

### Specifications

#### General

Form Factor	SFP+	Connector / Polish	LC-Duplex PC
Interface	Singlemode	Type	ER
Bandwidth	600 Mbit/s - 11.1 Gbit/s	Inbuilt FEC	No
Distance	40 km	Temperature Range	0°C - 70°C
Power Consumption	1.5 W	DDM	Yes, internally calibrated
CDR	none	SGMII	No

#### Optical

Wavelength Tx (typical)	1310 nm	Wavelength Rx (typical)	1310 nm
Transmit min / max	0 dBm / 5 dBm	Receiver min / max	-15 dBm / 0.5 dBm (overload)
Power Budget	15 dB	Receiver Type	PIN
Laser	DFB	Modulation	NRZ
Transmit and Dispersion Penalty	3.2 dB	Extinction Ratio	3.5 dB

### 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-ER	10G SFP+ ER Transceiver, 1310nm, LC, 40km