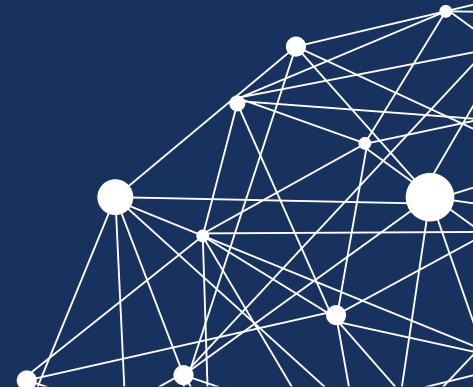


400G QSFP-DD LR4 10km Transceiver



S-QSFP-400G-LR4



Quick Facts

- For 400GBASE-LR4 Ethernet links
- Data Rates: 425 Gbit/s (4× 106.25 Gbit/s)
- Up to 10 km via Singlemode OS2
- LC-Duplex Connector

Protocols

- 400G Ethernet

Specifications

General

Form Factor	QSFP-DD	Connector / Polish	LC-Duplex PC
Interface	Singlemode	Type	LR4
Bandwidth	425 Gbit/s	Lane Count / Bandwidth per Lane	4× 106.25 Gbit/s
Distance	10 km	Temperature Range	0°C - 70°C
Power Consumption	10.5 W	DDM	Yes, internally calibrated
CDR	TX and RX	SGMII	No
Inbuilt FEC	No		

Optical

Wavelength Tx (typical)	1271 nm, 1291 nm, 1311 nm, 1331 nm	Wavelength Rx (typical)	1271 nm, 1291 nm, 1311 nm, 1331 nm
Transmit min / max	-1.4 dBm / 4.5 dBm	Receiver min / max	-6.8 dBm / 4.4 dBm (overload)
Power Budget	5.4 dB	Receiver Type	PIN
Laser	EML	Modulation	PAM4
Transmit and Dispersion Penalty	3.9 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-QSFP-400G-LR4	400G QSFP-DD LR4 Transceiver, 1271-1331nm, LC, 10km