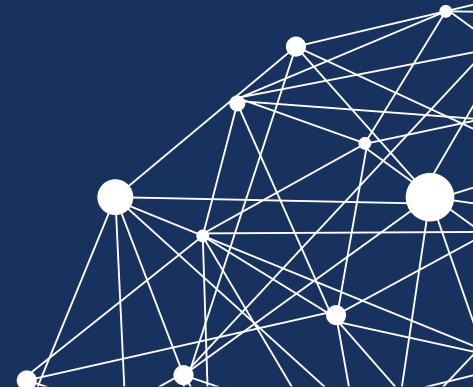


## 100G QSFP28 CWDM4 2km Transceiver



### S-QSFP-100G-CWDM



### Quick Facts

- For 100GBASE-CWDM4 Ethernet links
- Supported Data Rates: 103.12 Gbit/s
- Up to 2 km via Singlemode OS2
- LC-Duplex Connector

### Protocols

- 100G Ethernet

## Specifications

### General

Form Factor	QSFP28	Connector / Polish	LC-Duplex PC
Interface	Singlemode	Type	CWDM4
Bandwidth	103.12 Gbit/s	Lane Count / Bandwidth per Lane	4x 25.78 Gbit/s
Distance	2 km	Temperature Range	0°C – 70°C
Power Consumption	3.5 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	-6.5 dBm / 2.5 dBm	Receiver min / max	-8.1 dBm / 2.5 dBm (overload)
Power Budget	1.6 dB	Receiver Type	PIN
Laser	DFB	Modulation	NRZ
Transmit and Dispersion Penalty	3.3 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-100G-CWDM	100G QSFP28 CWDM4 Transceiver, 1271-1311nm, LC, 2km