#SWITCH2OPEN

400G QSFP-DD SR8 Transceiver
S-QSFP-400G-SR8

Quick Facts

- 400GBASE-SR8 Ethernet
- 425 Gbit/s (8 x 53.13 Gbit/s)
- Up to 100 m via Multimode OM4
- MTP/MPO-16 Connector
- MSA Standard

Applications

- 400G Ethernet
- 4 x 100G Ethernet
- Data Center Interconnects

Description

The Switch2Open S-QSFP-400G-SR8 transceiver supports 400GBASE-SR8 links up to 100 m over Multimode OM4 fiber with an MTP/MPO-16 APC connector. With integrated CDR and PAM4 modulation, it ensures reliable high-speed data transmission for 400G Ethernet in data centers.

Specifications

General		Optical	
Form Factor	QSFP-DD	Wavelength (TX/RX Typical)	8 x 850 nm
Media Type	Multimode	Transmit min/max	-6 dBm / 4 dBm
Max Data Rate	425 Gbit/s	Receiver min/max	-7.9 dBm / 4 dBm (overload)
Max Distance	100 m	Power Budget	1.9 dB
Max Power Consumption	10 W	Laser	VCSEL
Connector	MTP/MPO-16 APC	Receiver Type	PIN
Temperature Range	20°C to 60°C	Modulation	PAM4
Type	SR8	Extinction Ratio	3 dB
Lane Count / Bandwidth per Lane	8 x / 53.13 Gbit/s		
Digital Diagnostic Management (DDM)	Yes, internally calibrated		
CDR	TX and RX		
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 replacment are available on demand.

Protocols

• 4 x 100G Ethernet
• 400G Ethernet

Ordering Information

Part Number	Description
S-QSFP-400G-SR8	Switch2Open 400G QSFP-DD SR8 Transceiver, 8 x 850 nm, MTP/MPO-16, Multimode, 100 m