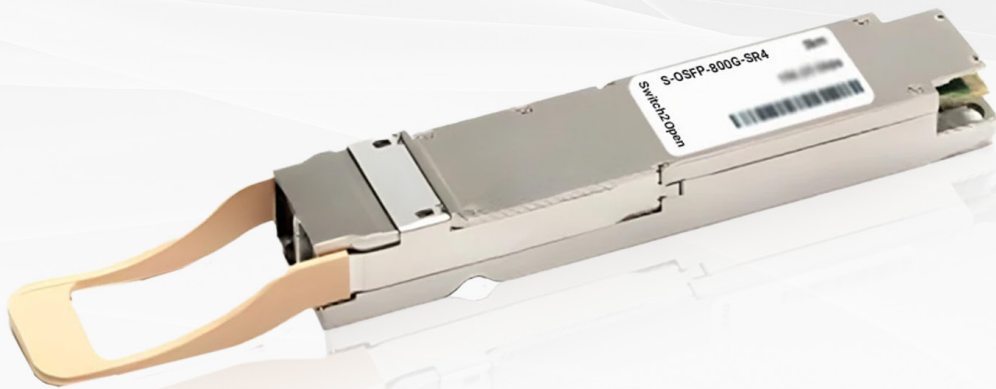# 800G OSFP 2x SR4 Transceiver
S-OSFP-800G-SR4

✈ Quick Facts

• 2 x 400GBASE-SR4 Ethernet
• 2 x 425 Gbit/s
• Up to 100 m via Multimode OM4
• MTP/MPO-8/12 Connector
• MSA Standard

💡 Applications

• 2 x 400G Ethernet
• 800G Ethernet
• 800G Infiniband (2 x NDR)
• Data Center Interconnects

📋 Description

The Switch2Open S-OSFP-800G-SR4 Finned-Top transceiver supports 2x 400GBASE-SR4 links up to 100 m over Multimode OM4 fiber with 2x MTP/MPO-8/12 APC connectors. Featuring integrated CDR and PAM4 modulation, it ensures reliable high-speed data transmission for 800G Ethernet and high-performance data centers.

Specifications

General		Optical	
Form Factor	OSFP	**Wavelength (TX/RX Typical)**	8 x 850 nm
Media Type	Multimode	**Transmit min/max**	-4.6 dBm / 4 dBm (overload)
Max Data Rate	2 x 425 Gbit/s	**Receiver min/max**	-6.4 dBm / 4 dBm (overload)
Max Distance	100 m	**Power Budget**	1.7 dB
Max Power Consumption	15 W	**Laser**	VCSEL
Connector	2 x MTP/MPO-8/12 APC	**Receiver Type**	PIN
Temperature Range	0°C to 70°C	**Modulation**	PAM4
Type	2 x SR4	**Extinction Ratio**	2.5 dB
Lane Count / Bandwidth per Lane	8 x / 106.25 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

- 2 x 400G Ethernet
- 800G Ethernet
- 800G Infiniband
- 400G Ethernet

Ordering Information

Part Number	Description
S-OSFP-800G-SR4	Switch2Open 800G OSFP 2 x SR4 Transceiver, 8 x 850 nm, 2x MTP/MPO-8/12, Multimode, 100 m