

QSFP 100G SR4 850nm QSFP28+

100G SR4 850nm 100Mtr QSFP28+

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Variants

100M

Details

100G QSFP28 SR4 Optical Transceiver (100M)

The **100G QSFP28 SR4 Optical Transceiver** is a high-speed multimode optical module designed for short-range 100 Gigabit Ethernet applications. It supports aggregate data rates up to **103.1Gbps** using four parallel 25Gbps lanes and is compliant with the **IEEE 802.3bm 100GBASE-SR4** standard.

Using an **MTP/MPO optical interface**, this module enables reliable high-density connectivity for data centers, enterprise networks, storage networks, and high-performance computing environments while maintaining low power consumption and excellent signal integrity.

Category	Specification
Product Name	100G QSFP28 SR4 Optical Transceiver
Product Type	100G Multimode Optical Transceiver
Form Factor	QSFP28 (Hot-Pluggable)
Ethernet Standard	IEEE 802.3bm 100GBASE-SR4
Aggregate Data Rate	103.1 Gbps

Category	Specification
Electrical Interface	4 x 25G Lanes
Optical Connector	MTP / MPO
Fiber Type	Multimode Fiber (OM3 / OM4)
Transmission Distance	Up to 100m on OM4 MMF
Operating Wavelength	850nm
Digital Diagnostics	SFF-8636 DDM/DOM Supported
Compliance	QSFP28 MSA, RoHS-6
Power Supply	+3.3V DC
Power Consumption	? 2.0W

Optical Specifications

Parameter	Min	Typical
Supply Current (Icc)	—	600
Input Voltage (Vcc)	-0.3	3.3
Input Swing	180	—
Transmit Wavelength	840	850
Spectral Width	—	0.6
Average Tx Power	-8.4	—

Parameter	Min	Typical
Extinction Ratio	—	2
Receiver Sensitivity	-10.3	—
Receiver Saturation	—	—

Applications

100G Data Center Networks
Cloud Computing Infrastructure
Enterprise Core Networks
Fiber Channel Storage Networks
100G Ethernet Switches & Routers
High Performance Computing (HPC)

Related Products: 100G QSFP28 LR4 • 100G QSFP28 BIDI 10km • 100G QSFP28 BIDI 20km • 100G QSFP28 CWDM4 • 100G QSFP28 ER4