100G QSFP28 SR4 850nm MPO

100G SR4 850nm 100Mtr QSFP28+

100G QSFP28 SR4 850nm MPO

Variants

100G MPO 100M

Details

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.

With an **MTP/MPO optical interface**, this module provides reliable high-density connectivity for data centers, enterprise networks, storage networks, and high-performance computing environments.

Data Rate	**103.1Gbps**
Distance	**100M**
Connector	**MTP/MPO**

Wavelength

850nm

Technical Specifications

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	103.1Gbps
Electrical Interface	4 × 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	Max
Supply Current	—	600	—
Input Voltage	-0.3	3.3	4.0
Input Swing	180	—	1000
Transmit Wavelength	840	850	860
Spectral Width	—	0.6	—
Average Tx Power	-8.4	—	2.4
Extinction Ratio	—	2	—
Receiver Sensitivity	-10.3	—	—
Receiver Saturation	—	—	2.4

Applications

- 100G Data Center Networks
- Cloud Computing Infrastructure
- Enterprise Core Networks
- Fiber Channel Storage Networks
- 100G Ethernet Switches & Routers

High Performance Computing

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

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