

## Q-SFP-100G-SR4

100G QSFP28 SR4 OPTICAL TRANSCEIVER, MPO-12, 100M MMF



Form Factor	Fiber Type	Connector	Max Reach
QSFP28	Multimode (OM3/OM4 MMF)	MPO-12	100 m (OM4) / 70 m (OM3)

### OVERVIEW

The Quant Q-SFP-100G-SR4 is a hot-pluggable QSFP28 optical transceiver designed for 100-Gigabit Ethernet applications over multimode fiber. It supports an aggregate data rate of 101.3 Gb/s using four 25 Gb/s channels and an MPO-12 optical interface. The module uses 850 nm VCSEL transmitters and PIN receivers and supports distances up to 70 m on OM3 fiber and 100 m on OM4 fiber.

Key Features	Typical Applications
<ul style="list-style-type: none"> <li>Hot-pluggable QSFP28 form factor</li> <li>101.3 Gb/s aggregate data rate</li> <li>4 × 25G CAUI-4 electrical interface</li> <li>4 × 25G 850 nm VCSEL transmitter array</li> <li>Single MPO-12 optical connector</li> <li>Reach up to 100 m on OM4 multimode fiber</li> <li>Power consumption &lt; 2.5 W</li> <li>Single +3.3 V power supply</li> <li>I2C management interface</li> <li>Operating temperature 0°C to 70°C</li> </ul>	<ul style="list-style-type: none"> <li>100GBASE-SR4 Ethernet</li> <li>Data center interconnect</li> <li>Switch-to-switch connections</li> <li>Enterprise and cloud networking</li> </ul>

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### TECHNICAL SPECIFICATIONS

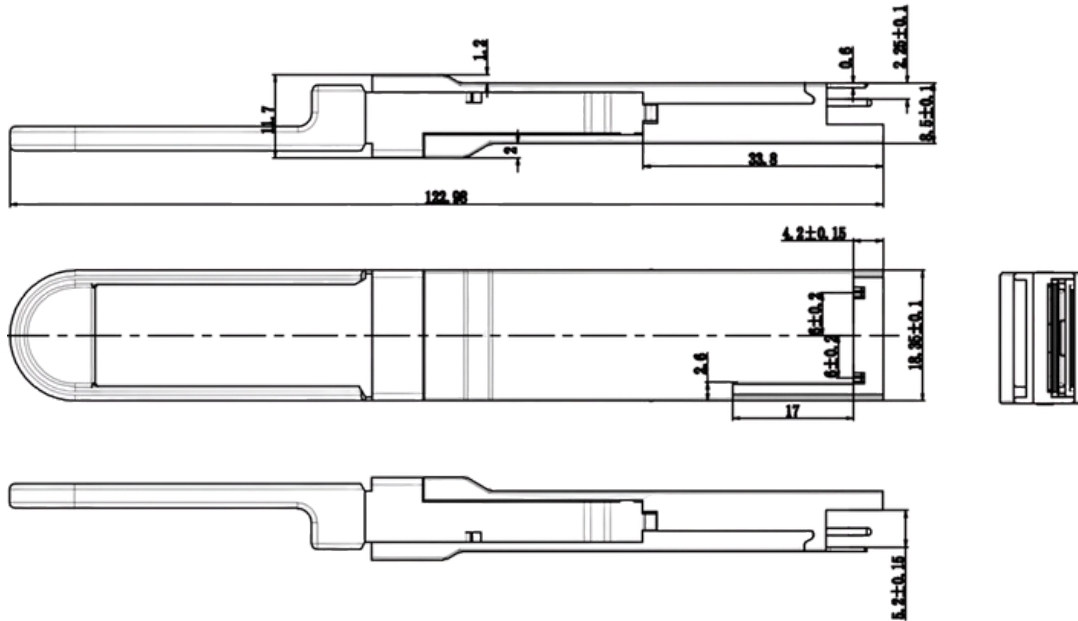
Parameter	Specification
Part Number	Q-SFP-100G-SR4
Form Factor	QSFP28
Data Rate	101.3 Gb/s
Fiber Type	Multimode (OM3/OM4)
Connector	MPO-12
Maximum Reach	70 m (OM3) / 100 m (OM4)
Wavelength	850 nm
Transmitter Type	4 × 25G VCSEL
Receiver Type	4 × PIN photodiode
Power Consumption	<1.5 W
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C
Warranty	2 years
Origin of Country	Vietnam

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## PRODUCT DIMENSION



## ORDERING INFORMATION

### Q-SFP-100G-SR4

100G QSFP28 multimode optical transceiver, MPO-12 connector, 100 m over OM4 / 70 m over OM3 multimode fiber, commercial temperature 0–70°C.

