

Q-SFP-10G-SR

10G SFP+ 850 NM MULTIMODE OPTICAL TRANSCEIVER, LC - 300 M



Form Factor	Fiber Type	Connector	Max Reach
SFP+	Multimode (MMF)	Duplex LC	300 m

OVERVIEW

The Quant Q-SFP-10G-SR is a hot-pluggable SFP+ optical transceiver designed for 10- Gigabit Ethernet transmission over multimode fiber. It uses an 850 nm VCSEL transmitter and PIN receiver and supports transmission distances up to 300 meters over OM3 multimode fiber. The module complies with SFP+ MSA, SFF-8431, SFF-8432 and IEEE 802.3ae standards.

Key Features	Typical Applications
<ul style="list-style-type: none"> Hot-pluggable SFP+ form factor Supports 9.95 Gb/s to 10.5 Gb/s data rates 850 nm VCSEL transmitter and PIN receiver Duplex LC optical connector Up to 300 m transmission over multimode fiber Digital Diagnostic Monitoring (DDM) support Low power consumption (<1 W) Single +3.3 V power supply Operating temperature 0°C to +70°C 	<ul style="list-style-type: none"> 10GBASE-SR / SW Ethernet links 10G Fiber Channel Switch-to-switch interconnects Data center networking Enterprise LAN connections

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TECHNICAL SPECIFICATIONS

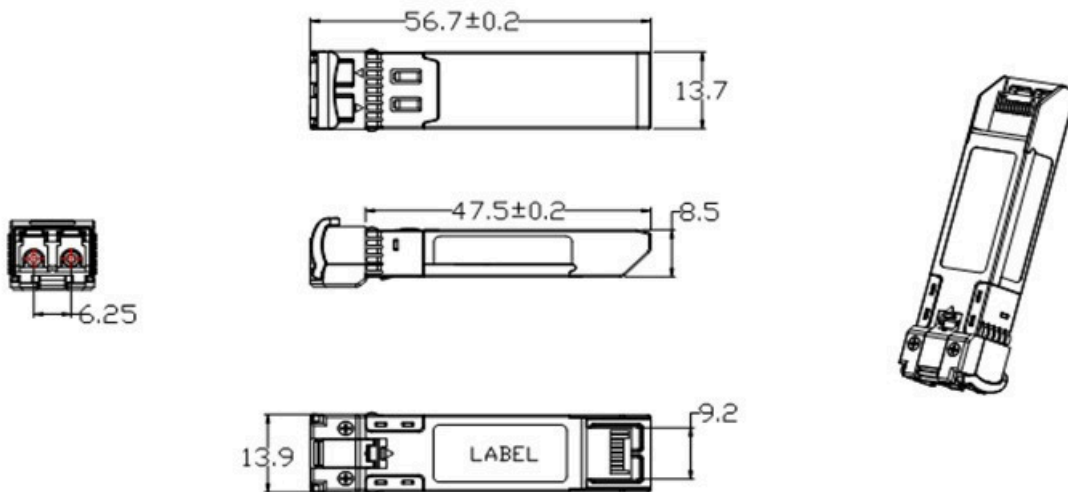
Parameter	Specification
Part Number	Q-SFP-10G-SR
Description	10G SFP+ SR optical transceiver with DDM
Form Factor	SFP+, hot-pluggable
Data Rate	9.95 Gb/s – 10.5 Gb/s
Wavelength	850 nm
Fiber Type	Multimode fiber (MMF)
Connector	Duplex LC
Maximum Reach	300 m
Transmitter Type	850 nm VCSEL
Receiver Type	PIN photodiode
Supply Voltage	Single +3.3 V
Maximum Power Consumption	<1 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



Dimensions are in Millimeter

Tolerance without indication is $\pm 0.1\text{mm}$

ORDERING INFORMATION

Q-SFP-10G-SR

10 Gb/s SFP+ optical transceiver, 850 nm, Duplex LC connector, 300 m over multimode fiber with DDM.

