

Q-GLC-SX-MMD

1.25G SFP MULTIMODE OPTICAL TRANSCEIVER, LC, UP TO 550 M



Form Factor	Fiber Type	Connector	Max Reach
SFP	Multimode (MMF)	Duplex LC	500 m

OVERVIEW

The Quant Q-GLC-SX-MMD is a hot-pluggable SFP optical transceiver designed for Gigabit Ethernet and high-speed data communication over multimode fiber. It operates at 850 nm wavelength and supports transmission distances up to 500 meters using duplex LC connectors. The module complies with the SFP Multi-Source Agreement (MSA) and supports Digital Diagnostic Monitoring (DDM) for real-time monitoring of operating parameters.

Key Features	Typical Applications
<ul style="list-style-type: none"> Hot-pluggable SFP form factor Supports up to 1.25 Gb/s data rate 850 nm VCSEL laser transmitter Duplex LC optical interface Transmission distance up to 500 m over MMF Low power consumption Single 3.3 V power supply Digital Diagnostic Monitoring (DDM) support Compliant with SFP MSA specification 	<ul style="list-style-type: none"> Gigabit Ethernet Metro edge switching Fiber Channel links Router / server interface Enterprise network connectivity

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TECHNICAL SPECIFICATIONS

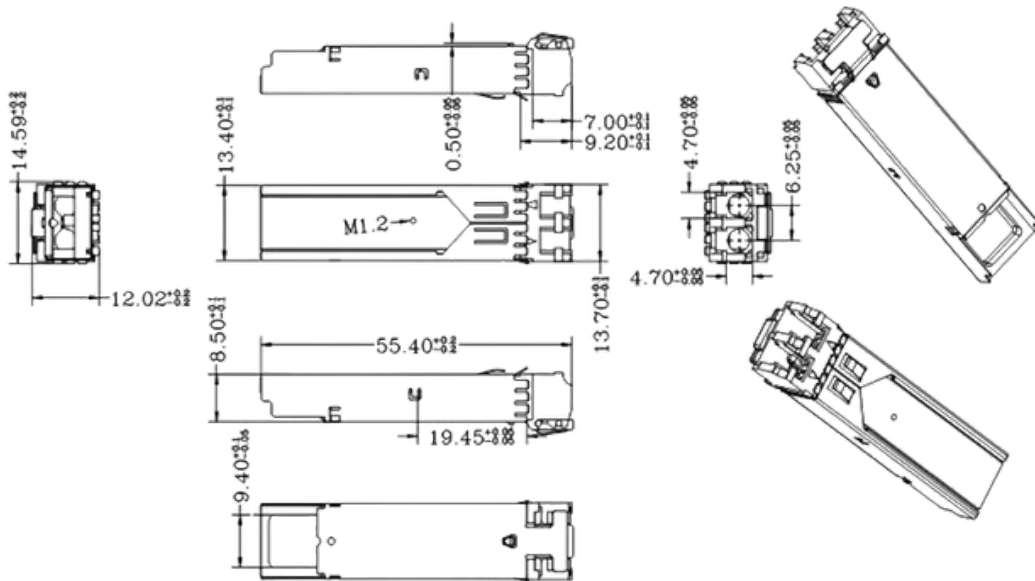
Parameter	Specification
Part Number	Q-GLC-SX-MMD
Description	1.25G SFP SX multimode optical transceiver with DDM
Form Factor	SFP, hot-pluggable
Data Rate	1.25 Gb/s
Fiber Type	Multimode fiber (MMF)
Connector	Duplex LC
Maximum Reach	500 m
Wavelength	850 nm
Transmitter Type	VCSEL laser
Receiver Type	PIN photodiode
Supply Voltage	Single +3.3 V
Operating Temperature	0°C to +70°C
Diagnostics	Temperature, supply voltage, TX/RX optical power monitoring
Warranty	2 years
Origin of Country	Vietnam

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PRODUCT DIMENSION



ORDERING INFORMATION

Q-GLC-SX-MMD

1.25G SFP SX multimode optical transceiver, 850 nm, duplex LC connector, 500 m over multimode fiber, with Digital Diagnostic Monitoring.

