

## Q-SFP-2.5G-T

2.5GBASE-T COPPER SFP RJ-45 100M TRANSCEIVER



Form Factor	Fiber Type	Connector	Max Reach
SFP	Copper (Cat5e/Cat5A UTP)	RJ-45	100 m

### OVERVIEW

The Quant Q-SFP-2.5G-T is a hot-pluggable copper SFP transceiver designed for 2.5 Gigabit Ethernet connectivity over twisted-pair copper cables. It supports 2.5GBASE-T operation on the line port and 2.5GBASE-X interface on the host port, allowing seamless integration with switches, routers, and servers supporting SFP interfaces. The module provides up to 100 meters transmission distance over Cat5e or Cat5A cables.

Key Features	Typical Applications
<ul style="list-style-type: none"> <li>Hot-pluggable SFP form factor</li> <li>Supports 2.5GBASE-T Ethernet</li> <li>RJ-45 copper interface</li> <li>Transmission distance up to 100 m over Cat5e/Cat5A UTP</li> <li>2.5GBASE-T line port and 2.5GBASE-X host interface</li> <li>Single +3.3 V power supply</li> <li>Power consumption &lt;1.5 W</li> <li>Compact RJ-45 connector assembly</li> <li>RoHS compliant design</li> <li>Operating temperature 0°C to +70°C</li> </ul>	<ul style="list-style-type: none"> <li>2.5 Gigabit Ethernet networks</li> <li>Enterprise LAN upgrades</li> <li>Router / server interfaces</li> <li>Switch-to-switch connections</li> <li>Multi-Gigabit copper uplinks</li> </ul>

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### TECHNICAL SPECIFICATIONS

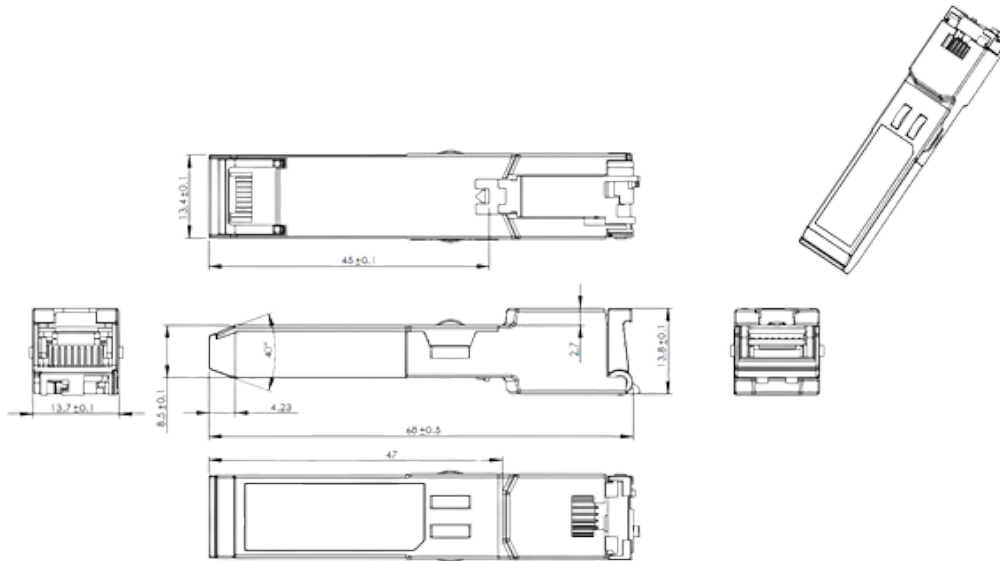
Parameter	Specification
Part Number	Q-SFP-2.5G-T
Description	2.5GBASE-T copper SFP transceiver
Form Factor	SFP, hot-pluggable
Data Rate	Up to 2.5 Gb/s
Interface	2.5GBASE-T / 2.5GBASE-X
Cable Type	Cat5e / Cat5A UTP
Connector	RJ-45
Maximum Reach	100 m
Supply Voltage	Single +3.3 V
Maximum Power Consumption	<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-2.5G-T

2.5GBASE-T copper SFP transceiver, RJ-45 connector, 100 m over Cat5e/Cat5A UTP cable, commercial temperature (0~70°C).

