



Gigabit SFP Copper Module Series

Plug-in Mounting

Industrial Gigabit SFP Copper Module

- Support 1.0Gb/s or 10/100/1000Mbps bi-directional data transmission
- Support hot plugging, Fully metallic case for low EMI
- Compact RJ-45 connector assembly. When the network port is insufficient, users can transform Gigabit SFP fiber port into RJ45 copper port
- Compatible with RoHS and lead-free
- Input voltage: 3.3VDC ($\pm 5\%$), Low power consumption (0.5W typical)
- Support 40~ 75°C wide temperature operation

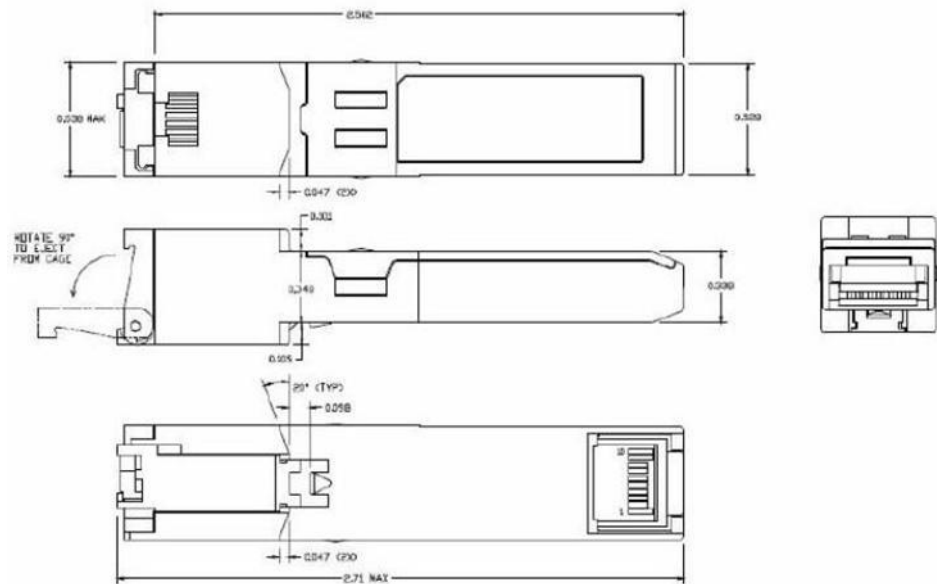


Introduction

This series of copper module is high performance, cost-effective module compliant with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE 802. 3-2002 and IEEE 802.3ab, which supports 1000Mbps data- rate up to 100 meters reach over unshielded twisted-pair category 5 cable. This series supports 10/100/1000Mbps auto negotiation or 1000Mbps. The module supports 1000Mbps or 10/100/1000Mbps auto negotiation data-links when the SFP interface support SGMII also. The module provides standard serial ID information compliant with SFP MSA, which can be accessed with address of 0xA0- 0xA2 via the IIC BUS protocol.

Dimension

Unit: mm



Specification

Interface	Capsulation: SFP Interface type: RJ45 Cable type: Category 5UTP.BER Transmission speed: 1.0Gb/s or 10/100/1000Mbps Transmission distance: 100m
Working Environment	Operating temperature: -40~75°C Storage temperature: -40~85°C

Input voltage: 3.13~3.47V

Relative humidity: 5%~95%(no condensation)

Physical Characteristic

Shell: metal shell

Installation: plug-in mounting

Warranty

1 year

Ordering Information

Available Models	Cable Type	Transmission Speed	Interface Type	Transmission Distance (m)	Working Temperature (°C)
SW-SFP-1000M-RJ45-GS-N	Category 5UTP.BE R	1.0Gbps	RJ45	100	-40~75
SW-SFP-10/100/1000M_RJ45_GS-N	Category 5UTP.BE R	10/100/1000Mbps	RJ45	100	-40~75