S100M-1G-TX

SFP 10/100/1000Base-T Copper Interface - SGMII host systems RJ-45 Up to 100meters

1. Product overview

GLOBALfiber S100M-1G-TX is a hot-pluggable SFP copper module with an RJ-45 connector for compatible SGMII host systems.

2. Key features

Hot-pluggable SFP footprint; fully metallic enclosure for low EMI; compact RJ-45 connector assembly; low typical power dissipation.

3. Applications

1.25 Gigabit Ethernet over Cat 5 cable.

4. Technical data

Parameter	Specification
Form factor	SFP, hot-pluggable
Connector	RJ-45
Host interface	SGMII
Operation specified	100/1000 Mbps
Bi-directional data links	Up to 1.25 Gb/s
Cable type	Cat 5 copper cable up to 100m
Power dissipation	1.05 W typical
Enclosure	Fully metallic, low EMI
Management access	Physical layer IC access via 2-wire serial bus

5. Operating conditions

Parameter	Specification
Case temperature	0 °C to +70 °C

6. Ordering and coding

Product number: S100M-1G-TX. Available coding: Arista, Cisco, Cisco Meraki, Extreme, Generic, H3C, HP B-serie, Huawei.

Specify equipment model, port mode and software version to confirm host compatibility.

7. General notes

The product title lists 10/100/1000BASE-T; the technical information explicitly specifies 100/1000 Mbps with SGMII. Confirm 10 Mbps support for the intended host before ordering.