S10GE-T-I-100

SFP+ 10Gbase-T Copper Interface I-Temp - RJ45 100m on Cat6/7

1. Product overview

GLOBALfiber S10GE-T-I-100 is a hot-pluggable SFP+ copper module for 10 Gigabit Ethernet. The compact RJ-45 interface supports links up to 100 m over Cat 6a/7 cable.

2. Key features

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

3. Applications

10 Gigabit Ethernet over Cat 6a/7 cable.

4. Technical data

Parameter	Specification
Form factor	SFP+, hot-pluggable
Connector	RJ-45
Supported rates	10G / 5G / 2.5G / 1000M
Bi-directional data links	Up to 10 Gb/s
Maximum link length	Up to 100 m
Cable type	Cat 6a/7
Power dissipation	Low power; numerical value not specified
Enclosure	Fully metallic, low EMI
Management access	Physical layer IC access via 2-wire serial bus
Environmental compliance	RoHS compliant

5. Operating conditions

Parameter	Specification
Operating case temperature	-40 °C to +85 °C

6. Ordering and coding

Product number: S10GE-T-I-100. Available coding: Arista, Ciena, Cisco, Extreme, Fortinet, Generic, Juniper.

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

7. General notes

The product description states Cat6/7; the technical information specifies Cat 6a/7. Use the stated Cat 6a/7 cable requirement for the specified reach. No numerical power rating is provided in the technical information.