Cisco **1000BASE-T SFP**

The Cisco® industry-standard 1000BASE-T Small Form-factor Pluggable (SFP) gigabit interface converter (GBIC) is a hot-swappable input/output device that plugs into a Gigabit Ethernet port or slot, linking the port with the network. The Cisco SFP provides full-duplex Gigabit Ethernet connectivity to high-end workstations and between wiring closets over existing copper network infrastructure.

The GLC-T 1000BASE-T SFP operates on standard Category 5 wiring of up to 100m link length.

Main Features

- Hot-swappable when deployed, the switch or router does not have to reboot
- Interchangeable with other 1000BASE-X SFPs on the same linecard
- Supports Cisco quality ID feature that enables the switch or router to identify whether the SFP is a Cisco SFP

Technical Specifications

Platform Support

The Cisco 1000BASE-T SFP is supported across a variety Cisco switches, routers, and optical transport devices. For more details,

see the document *"Compatibility Matrix for 1000BASE-T Small Form-Factor Pluggable Modules."*

Connectors and Cabling

- RJ-45 connector
- Cable: Category 5 unshielded twisted pair (UTP)
- Cabling distance (maximum): 328 ft (100 m)

Dimensions

Maximum Dimensions (H x W x D): 0.55 x 0.54 x 2.8 in. (14.0 x 13.7 x 71.1 mm)

Environmental Conditions and Power Requirements

Operating temperature range: 0 to 50 C (32 to 122 F)

Storage temperature range: –10 to 65 C (–4 to 149 F)

Predicted mean time between failure (MTBF): 1 million hours

Power consumption: 1.1W

Figure 1
Cisco 1000BASE-T SFP

Warranty

- Standard warranty: 90 days
- Extended warranty (optional): Available under a Cisco SMARTnet™ support contract for the Cisco switch or router chassis

Ordering Information

Table 1 Ordering Cisco SFP

SFP	Product Number
Cisco 1000BASE-T SFP	GLC-T
Cisco 1000BASE-T SFP (spare)	GLC-T=

Regulatory and Standards Compliance

- Compliant with IEEE 802.3:2000
- FCC Part 15 Class A
- EN 55022 Class A (CISPR 22 Class A)
- VCCI Class A
- CE
- EN55024 Immunity Standard

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