### **GLC-T Datasheet**

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### Overview

Cisco GLC-T is a 1000BASE-T SFP for Copper Networks. The 1000BASE-T SFP operates on standard Category 5 unshielded twisted pair copper cabling of up to 100m (328 ft) link length. Cisco 1000BASE-T SFP modules support 10/100/1000 autonegotiation and Auto MDI/MDIX. This SFP needs RJ-45 connector (1000BASE-T)

#### The Product View

Figure 1 shows the appearance of GLC-T.



#### The Supported Platforms

Figure 2 shows that GLC-T can be installed in a SFP slot of a switch.



Table 1 shows some supported platforms.

| Models       | Description  |
|--------------|--|
| HWIC-1GE-SFP | GigE High Speed WIC With One SFP Slot Cisco Router High-Speed WAN Interface card |

| EHWIC-1GE-SFP-CU  | Cisco 1900 2900 3900 Router EHWIC WAN Card EHWIC-1GE-SFP-CU    |
|-------------------|--|
| WS-C2960+24PC-L   | Cisco Catalyst 2960 Plus 24 Port 10/100 PoE + 2 T/SFP LAN Base |
| WS-C2960+48TC-S   | Cisco Catalyst 2960 Plus 48 10/100 + 2 T/SFP LAN Lite          |
| WS-C2960X-24TS-LL | Cisco Catalyst 2960-X 24 GigE, 2 x 1G SFP, LAN Lite            |
| WS-C2960X-48TS-LL | Cisco Catalyst 2960-X 48 GigE, 2 x 1G SFP, LAN Lite            |
| WS-C2960XR-24TS-I | Cisco Catalyst 2960-XR 24 GigE, 4 x 1G SFP, IP Lite            |
| WS-C2960XR-48TS-I | Cisco Catalyst 2960-XR 48 GigE, 4 x 1G SFP, IP Lite            |
| WS-C3650-24TS     | Cisco Catalyst 3650 24 Port Data 4x1G Uplink                   |
| WS-C3650-48TS     | Cisco Catalyst 3650 48 Port Data 4x1G Uplink                   |
| C3850-NM-4-1G     | Cisco 3850 Series Network Module 4 x 1GE Network Module        |
| C3850-NM-8-10G    | Cisco 3850 Series Network Module 8 x 10GE Network Module       |
|                   |  |

#### Get more information

Do you have any question about the GLC-T?

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# Specification

| GLC-T Specification         |  |  |  |
|-----------------------------|--|--|--|
|                             | General  |  |  |
| Device Type                 | SFP (mini-GBIC) transceiver module                                     |  |  |
| Form Factor                 | Plug-in module   |  |  |
| '                           | Networking   |  |  |
| Connectivity<br>Technology  | Wired  |  |  |
| Cabling<br>Type             | 1000Base-T   |  |  |
| Data Link<br>Protocol       | GigE   |  |  |
| Data<br>Transfer<br>Rate    | 1 Gbps   |  |  |
| Max<br>Transfer<br>Distance | 328 ft   |  |  |
| Features                    | Full duplex capability, auto-negotiation, auto-uplink (auto MDI/MDI-X) |  |  |
| Compliant<br>Standards      | IEEE 802.3   |  |  |
| Expansion / Connectivity    |  |  |  |
| Interfaces                  | faces 1 x Ethernet 1000Base-T - RJ-45                                  |  |  |

| GLC-T Specification             |   |  |  |
|---------------------------------|---|--|--|
| Compatible<br>Slots             | 1 x SFP (mini-GBIC)   |  |  |
|                                 | Miscellaneous   |  |  |
| MTBF                            | 1,000,000 hours   |  |  |
| Compliant<br>Standards          | CISPR 22 Class A, EN55024, EN55022 Class A, FCC Part 15 A, VCCI Class A   |  |  |
| Dimensions & Weight             |   |  |  |
| Width                           | 0.5 in  |  |  |
| Depth                           | 2.8 in  |  |  |
| Height                          | 0.6 in  |  |  |
| '                               | Manufacturer Warranty   |  |  |
| Service &<br>Support            | Limited warranty - 90 days  |  |  |
|                                 | Environmental Parameters  |  |  |
| Min<br>Operating<br>Temperature | 32 °F   |  |  |
| Max<br>Operating<br>Temperature | 158 °F  |  |  |
| Compatibility Information       |   |  |  |
| Designed<br>For                 | Cisco 5508 Wireless Controller   Cisco Catalyst 2970G-24TS, 3560-12PC, 3560-12PC-S, 3560-24PS EMI, 3560-24PS SMI, 3560-24TS, 3560-24TS EMI, 3560-24TS SMI, 3560-48PS EMI, 3560-48PS SMI, 3560-48TS EMI, 3560-48TS SMI, 3560-12D, 3560E-12D, 3560E-12SD-E, 3560E-12SD-S, 3560E-24PD, 3560E-24PD, 3560E-48PD, 3560E-48PD-F, 3560E-48TD, 3560E-48TD-SD, 3560G-24PS, 3560G-24PS EMI, 3560G-24PS EMI, 3560G-24TS EMI, 3560G-24TS SMI, 3560G-48PS, 3560G-48PS, 3560G-48PS EMI, 3560G-48TS, 3560G-48TS EMI, 3560G-48TS SMI, 3560X-24P-L, 3560X-24P-S, 3560X-24T-L, 3560X-24T-S, 3560X-48PF-L, 3560X-48PF-S, 3560X-48P-S, 3560X-48T-S |  |  |

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