GLC-T Cisco Compatible 1000BASE-T SFP Transceiver

Features

- Supports 1000BASE-T operation in host systems with SGMII interface
- Up to 1.25Gbps bi-direction data links
- Up to 100m transmission over UTP Category 5 Cable
- Hot-Swappable if your device supports
- Lifetime Warranty
- Plugs into SFP port
- Compliant to SFP Electrical & Mechanical MSA
- 0°C to +70°C case operating temperature range
- Compliant with product safety standards

Product Overview

The Hummingbird Networks 100% Cisco Compatible GLC-T 1000BASE-T Copper Small Form Pluggable (SFP) are based on the SFP Multi Source Agreement (MSA). It is compatible with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE Std 802.3. This module is for transmission at 1.25Gbps over universal twisted pair (UTP) Category 5 cable. It supports Ethernet standards which make it ideally suited for 1000BASE-T data communications. It offers customers a wide variety of Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and switch-to-switch applications.

Ordering Information

Part No.	Data Rate	Laser	Connector	Distance	DDMI
GLC-T	1000Base	Copper interface	RJ45	100m	Yes

Supported Standards

Application	Standard	Data Rate
Gigabit Ethernet	1000BASE-T	1.25Gbps

General Specification

Parameter	Symbol	Min	Typ	Max	Units	Notes/Conditions
Data Rate			1000		Mbps	
Distance				100	m	Category 5 UTP. BER <10-12

Regulatory Compliance

The GLC-LH-SM modules are designed to meet international requirements and standards in terms of product safety. The modules optical output power meets Class 1 requirements for laser safety.

Feature	Standard	Performance
Electrostatic Discharge (ESD) to the Electrical Pins	MIL-STD-883E Method 3015.7	Class 1(>500 V) Isolation with the case
Electromagnetic Interference (EMI)	FCC Part 15 Class B	Compatible with standards
Laser Eye Safety	FDA 21CFR 1040.10 and 1040.11 EN60950, EN (IEC) 60825-1,2	Compatible with Class I laser product. Compatible with T μ V standards
Component Recognition	UL and CUL	UL file E317337
Green Products	RoHS	RoHS6

Additional Information

For more information about our compatible SFP modules, contact:

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