

GBIC-1000Base-ZX

1.25 Gb/s GBIC transceiver for 80 km transmission

DESCRIPTION

The GBIC-1000Base-ZX is fully compliant with Gigabit Interface Converter (GBIC) specification SFF-8053, Rev 5.5. It meets the requirements of the IEEE 802.3 Gigabit Ethernet standard and ANSI Fibre Channel specifications, and is very suitable for interconnections in Gigabit Ethernet and Fibre Channel environments.

This module is designed for use with multimode and singlemode fiber and operates at a wavelength of 1550 nm.

APPLICATIONS

- 1.25Gbps Ethernet
- 1000Base-ZX
- 1.0625Gbps Fibre Channel

FEATURES

- 1550 nm DFB transmitter
- Duplex SC connector
- Up to 80 km transmission on singlemode fiber
- Up to 550 m transmission on multimode fiber
- Class 1 laser product
- Low EMI and excellent ESD protection
- Standard GBIC footprint, SFF-8053 compatible
- Extended power supply +3.3V/+5.0V compatible



LASER SAFETY

This transceiver is a Class 1 laser product. It complies with IEC-60825 and FDA 21 CFR 1040.10 and 1040.11. The transceiver must be operated within the specified temperature and voltage limits. The optical ports of the module need to be terminated with an optical connector or a dust plug.

OPTICAL PARAMETERS

Part no.	SM/MM Fiber	Wavelength [nm]	Opt. Output Power [dBm]	Opt. Receiver Sensitivity [dBm]	Power Budget [dB]
GBIC-1000Base-ZX	SM/MM	1550	0 to 5	-26 to -3	26

ORDERING INFORMATION

Part no.	Description
GBIC-1000Base-ZX	GBIC, 1.25 Gbps Ethernet, 80 km, 1550nm, 26dB, SM/MM