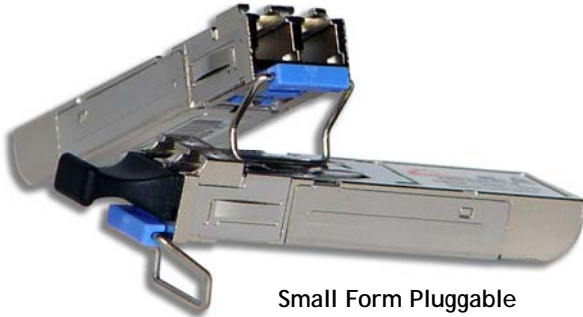




MiLAN Technology

Standard and Small-Form-Pluggable GBIC (Gigabit Interface Converters) Transceiver Modules



Small Form Pluggable



Standard GBIC

MIL-SFP-SX and MIL-SFP-LX

Features

- Up to 1.25Gb/s bi-directional data links
- 850nm VCSEL Laser Transmitter (MIL-SFP-SX)
- 1310nm VCSEL Laser Transmitter (MIL-SFP-LX10)
- Duplex LC connector
- Operating Temperature 0°C to 70°C
- Operates at 3.3v
- Hot-pluggable SFP footprint

MIL-GBIC-SX and MIL-GBIC-LX

Features

- Up to 1.25Gb/s bi-directional data links
- 850nm VCSEL Laser Transmitter (MIL-GBIC-SX)
- 1310nm VCSEL Laser Transmitter (MIL-GBIC-LX10)
- Operating Temperature 0°C to +70°C
- Operates at 3.3V and 5.5V
- Hot-pluggable
- Low power dissipation

MiLAN's new line of Standard GBIC and Small Form Factor Pluggable (SFP) GBIC transceiver modules are the perfect solution for connecting enterprise Gigabit Ethernet Switches that provide flexible, high performance Copper and Fiber connectivity in Corporate, Metro, Campus backbone, MxU and workgroup switching infrastructures.

Compatible with Gigabit Ethernet networking equipment that support the industry standard SFP and GBIC interface, network managers can inventory a 1000BaseSX or a 1000BaseLX GBIC and use these Gigabit Ethernet modules across a multi-vendor, multi-product network. Simplified installation means they are ideal for end-users and technicians.

Low cost of ownership - MiLAN's SFP/GBIC modules offer the greatest flexibility and value. Depending on your existing network structure, each GBIC interface on your switches can be configured with a SX or LX GBIC module in standard or small-form-pluggable format. This flexibility in system configuration further reduces acquisition costs by allowing you to purchase only what you need when you need it.

Comprehensive Range - MiLAN provides standard multi-mode SX and single-mode LX GBICs for connections up to 10km.

MiLAN's GBICs have been tested by MiLAN to be compatible with all major network equipment manufacturers

Brand Name	Model No.
CISCO	Trident 12000 GSR, Catalyst 2950, 3524, 3548, 3550, 4003, 4006, 5509, 6509, 6513
Extreme	Summit 1i, 5i, 7i, 48i, 48Si, 24e2; BlackDiamond 6808, 6816
Foundry	BigIron 4000, FastIron 4802, FastIron Edge 2402 Premium, 9604 Premium
AVAYA	P580, P882, P332GT-ML, P334T-ML
Alcatel	OmniStack 6024, 6124, 6148; OmniCore 5052
RiverStone	RS-3000, 8600, RS-38000
Enterasys	Matrix E1; X-Pedition ER-16
RedBack	SmartEdge 800
D-Link	DES-3208TG, 3226; DES-3326

SPECIFICATIONS

Connectors:

MIL-GBIC-SX	1000Base SX, Duplex SC Fiber Interface, SCA-2 Host Interface
MIL-GBIC-LX10	1000Base LX, Duplex SC Fiber Interface, SCA-2 Host Interface
MIL-SFP-SX	1000Base SX, Duplex LC Fiber Interface
MIL-SFP-LX10	1000Base LX, Duplex LC Fiber Interface

Transmission Type:

MIL-GBIC-SX	850 nm multi-mode up to 550m
MIL-GBIC-LX10	1310 nm single-mode up to 10km
MIL-SFP-SX	850 nm multi-mode up to 550m
MIL-SFP-LX10	1310 nm single-mode up to 10km

Dimensions:

MIL-GBIC-SX	1.2 x 0.5 x 2.25 inches (W x H x L)
MIL-GBIC-LX10	1.2 x 0.5 x 2.25 inches (W x H x L)
MIL-SFP-SX	1.2 x 1.1 x 3.21 inches (W x H x L)
MIL-SFP-LX10	1.2 x 1.1 x 3.11 inches (W x H x L)

Environmental Range:

Operating Temperature

All Models 0° to 158° F (0° to 70° C)

Storage Temperature

All Models -40° to 185° F (-40° to 85° C)

Voltage Requirement

MIL-GBIC-SX	3.3V to 5.5V, 400mA Max
MIL-GBIC-LX10	3.3V to 5.5V, 400mA Max
MIL-SFP-SX	3.3V, 400mA Max
MIL-SFP-LX10	3.3V, 400mA Max

Standards Compliance:

IEEE Standards	IEEE 802.3z Gigabit Ethernet
Class 1 Laser Product	EN 60825-1

Regulatory

Emissions	FCC Class A, CE
Safety	Class 1 Laser device

Support:

Free technical support and warranty	One year of free telephone support (6AM to 5PM PST), 24-hour support via web and ftp, one year product warranty
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ORDERING INFORMATION

MiLAN Part Number*	Description
MIL-GBIC-SX	1000BaseSX (SC type connector) GBIC module, 550m
MIL-GBIC-LX10	1000BaseLX (SC type connector) GBIC module, 10km
MIL-SFP-SX	1000BaseSX (LC type connector) SFP module, 550m
MIL-SFP-LX10	1000BaseLX (LC type connector) SFP module, 10km

* For international part numbers, please refer to the MiLAN price list.



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