



GSFP-LX

FES 1G SFP Module

Overview:

The SFP transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps and 20km transmission distance with SMF. The transceiver consists of three sections: a FP laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements. The transceivers are compatible with SFP Multi-Source Agreement (MSA). For further information, please refer to SFP MSA.

Technical Specifications:

Header :

Brand : FES

Product Line : Forever Engineering Systems Pvt. Ltd.

Networking

- o Type :SFP transceiver module
- o Form Factor :Plug-in module
- o Connectivity Technology :Wired
- o Cabling Type :Ethernet 1.25GBase-LX
- o Data Link Protocol :1 Gigabit Ethernet
- o Data Transfer Rate :1 GBps
- o Optical Wave Length/component:1310 nm
- o Max Transfer Distance :10/20 km
- o Fibre Cable Type : Single Mode Fiber
- o Core Size (Micron) : 9125
- o Tx Power (dBm) : -9
- o Receiver Sensitivity (dBm) : -23

Features:

- o Up to 1.25Gbps data links
- o 1310nm FP laser and photo PIN detector for 20km transmission
- o Compliant with SFP MSA and SFF-8472 with Duplex LC receptacle
- o Digital Diagnostic Monitoring: Internal Calibration or External Calibration
- o Compatible with SONET
- o Compatible with RoHS
- o +3.3V single power supply

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Data Communication



Optical Fiber



Tele Communication



IT Product & Services

Interface Provided

- o Compliant with SFP MSA and SFF-8472 with Duplex LC receptacle

Applications :

- o SDH and SONET system
- o Fiber Channel
- o Switch to Switch interface
- o Switched backplane applications
- o Router/Server interface
- o Other optical transmission systems

Environmental Parameters

- o Operating Temperature : 0 to 70°C
- o Humidity Range Operating :10 - 85%

Compatibility

- o ALL MAKES Supported

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