



1.25G SFP transceiver MM, 550m

SSF-SFP-MM1G

SKU: 190674

Cleerline™ SSF-SFP-MM1G transceiver is a high-performance, cost-effective module supporting data-rates of 1.25Gbps and 550m transmission distance with multimode fiber. This SFP uses the 1000Base-SX standard, popular for short range connections. The transceiver consists of three sections: a VCSEL laser transmitter, a PIN photodiode integrated with a transimpedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements. The transceivers follow the industry standards of the SFP Multi-Source Agreement (MSA) and SFF-8472, making them directly interchangeable with any networking device following industry standards.

#### Features

- This SFP accepts 2 LC connectors.
- Data-rate of 1.25Gbps operation
- 850nm VCSEL laser and PIN photodetector
- Compliant with SFP MSA and SFF-8472 with duplex LC receptacle
- Digital Diagnostic Monitoring:
  - Internal Calibration or External Calibration
- 550m transmission with 50/125µm MMF
- 275m transmission with 62.5/125µm MMF
- Compliant with RoHS
- +3.3V single power supply
- Operating case temperature: -20 to 85° C