


25Gbps 850nm SFP28 Optical Transceiver P/N: GSS-MPO250-SRC

Features

- Hot-pluggable SFP28 form factor
- Supports 25Gbps data rate
- Maximum link length of 70m on OM3 MMF and 100m on OM4 MMF
- 850nm VCSEL laser and PIN photo-detector
- Internal CDR on both Transmitter and Receiver channel
- Duplex LC receptacle
- Single 3.3V power supply
- Power dissipation < 1W
- Digital diagnostics functions are available via the I2C interface
- RoHS-6 compliant 
- Commercial case temperature range: 0°C to 70°C



Applications

- 25GBASE-SR Ethernet
- 32G Fiber Channel

Description

Gigalight Technology GSS-MP0250-SRC is a single-Channel, Pluggable, Fiber-Optic SFP28 for 25 Gigabit Ethernet and Infiniband EDR Applications. It is a high performance module for short-range data communication and interconnect applications which operate at 25.78125 Gbps up to 70 m using OM3 fiber or 100 m using OM4 fiber. This module is designed to operate over multimode fiber systems using a nominal wavelength of 850nm. The electrical interface uses a 20 contact edge type connector. The optical interface uses duplex LC receptacle. This module incorporates Gigalight Technologies proven circuit and VCSEL technology to provide reliable long life, high performance, and consistent service.