



OCTECH 1.25Gbps SFP Transceiver



Description

The OC-125G-Z8S single mode transceiver is a small form factor pluggable module for bi-directional serial optical data communications such as Gigabit Ethernet 1000BASE-ZX and Fiber Channel 1x SM-LC-L FC-PI. It is with the SFP 20-pin connector to allow hot plug capability. This module is designed for single mode fiber and operates at a nominal wavelength of 1550 nm.

The transmitter section uses a multiple quantum well laser and is Class 1 Laser compliant according to International Safety Standard IEC-60825. The receiver section uses an integrated InGaAs detector preamplifier (IDP) mounted in an optical header and a limiting post-amplifier IC.

The OC-125G-Z8S is designed to be compliant with SFF-8472 SFP Multi-source Agreement (MSA).

ALL OF OUR TRANSCEIVERS ARE TIER 1 LASERS, MANUFACTURED TO OEM SPECIFICATIONS, ROHS (LEAD FREE), TAA COMPLIANT AND COMPLIANT WITH THE SFP MSA (MULTISOURCE AGREEMENT) AND COME WITH A LIFETIME WARRANTY.

Features

- Operating data rate up to 1.25Gbps.
- 1550 nm DFB LD Transmitter.
- Distance up to 80km.
- Single 3.3V Power supply and TTL Logic Interface.
- Duplex LC Connector Interface.
- Hot Pluggable.
- Operating Case Temperature
Industrial: -40°C~+85°C
- Compliant with MSA SFP Specification
- Digital diagnostic monitor interface.
- Compatible with SFF-8472.

Applications

- Gigabit Ethernet Switches and Routers.
- Fiber Channel Switch Infrastructure.
- Switch to switch interface.
- XDSL Applications.
- Metro Edge Switching.

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