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PRODUCT BRIEF

108873258-C

Avaya Compatible 1000Base-LX SFP Transceiver



Features:

- Operating data rate up to 1.25 Gbps
- Hot-pluggable SFP footprint
- 1310 nm Fabry-Perot laser transmitter
- Transmission distance up to 20 km
- Duplex LC connector
- Low power dissipation
- Digital diagnostic monitoring interface is compliant with SFF-8472
- Compliant with SFP MSA Specification
- RoHS compliance

Product Description:

This high performance Avaya compatible small form factor hot pluggable fibre optic transceiver is designed for single-mode fibre (SMF) and operates at a nominal wavelength of 1310 nm. It provides standard AC coupled CML for high speed signal and LVTTTL control and monitoring of signals. This optical transceiver consists of two sections: the transmitter uses a 1310 nm FP laser, the receiver section uses an integrated InGaAs detector preamplifier (IDP) mounted in an optical header and a limiting post-amplifier IC. In addition, the transceiver is compliant with SFP Multi-Source Agreement (MSA) Specification and SFF-8472

Applications :

- Gigabit Ethernet (1000Base-LX) Links at 1.25 Gbps
- Fibre Channel Switch
- Metro/Access Networks
- Other Optical Link

Product specifications:

| | |
|-----------------------|---|
| Maximum Data Rate | 1.25 Gbps |
| Wavelength | 1310 nm |
| Fibre Type | SMF |
| Connector Type | LC |
| Distance | 20km |
| Power Supply | 3.3 V |
| Operating Temperature | 0 °C to 70 °C (Commercial), -40 °C to 85 °C (Industry), -5 °C to 85 °C (Extended) |
| Cabling Type | Ethernet 1000Base-LX |
| Status Indicators | Link activity, link OK |
| Provided Interfaces | 1 x network – Ethernet 1000Base-LX - LC single-mode x 2 |
| Compatible Slots | 1 x SFP (mini-GBIC) |
| Dimensions | 5.80 x 1.30 x 1.30 cm |
| Weight | 0.0168 kg |