Finisar FTLF1217P2BTL Datasheet

Finisar FTLF1217P2BTL 100BASE-FX 2km SFP Optical Transceiver

FTLF1217P2BTL

FTLF1217P2BTL Small Form Factor Pluggable (SFP) transceivers are compatible with the SFP Multi-Sourcing Agreement (MSA). They are simultaneously compatible with 100Base-FX, FDDI, ESCON, and Multimode SONET OC-3 SR-0 and OC-1 SR-0 standards as specified in IEEE Std 802.3, ISO/IEC 9314-3, Enterprise Systems Architecture/390, and ANSI T1.416.01-1999, respectively. The optical transceiver is RoHS compliant as described in Application Note AN-2038. Digital diagnostics functions are available via the 2-wire serial bus specified in the SFP MSA.

Features

- Up to 200 Mb/s bi-directional data links
- Hot-pluggable SFP footprint
- Built-in digital diagnostic functions
- 1310nm LED-based transmitter
- Duplex LC connector
- RoHS compliant
- Up to 2km on 62.5/125μm MMF
- Metal enclosure, for lower EMI
- Single 3.3V power supply
- Low power dissipation
- Industrial operating temperature range: -40°C to 85°C

Applications

- 125 Mb/s 100Base-FX Ethernet/FDDI
- 200 Mb/s ESCON
- 155 Mb/s Multimode SONET OC-3 SR-0
- 51 Mb/s Multimode SONET OC-1 SR-0

Specifications

- Distance: 2km
- Data Rate (max): 200 Mb/s
- Protocol: Optical Fast Ethernet Compliant SONET OC-3 Compatible
- Low End Case Temperature (°C): -40
- High End Case Temperature (°C): 85
- Diagnostics: Digital
- Transmitter: LED
- Receiver: PIN
- Voltage Supply: 3.3
- Connector: LC
- Wavelength: 1310nm

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