

Finisar FTLF1523P1BTL Datasheet



Finisar FTLF1523P1BTL OC-3 LR-2/STM L-1.2 SFP Optical Transceiver

FTLF1523P1BTL

FTLF1523P1BTL Small Form Factor Pluggable (SFP) transceivers are compatible with the SFP Multi-Source Agreement (MSA). They comply with SONET and SDH standards at OC-3 LR-2/STM L-1.2. Digital diagnostics functions are available via the 2-wire serial bus specified in the SFP MSA. The optical transceiver is RoHS compliant as described in Application Note AN-2038.

Features

- 155 Mb/s bi-directional data links
- Hot-pluggable SFP footprint
- Built-in digital diagnostic functions
- Uncooled DFB 1550nm laser transmitter
- Duplex LC connector
- Very low jitter
- Metal enclosure, for lower EMI
- Single 3.3V power supply
- Low power dissipation <700mW typical
- Industrial operating temperature range: -40°C to 85°C

Applications

- SONET OC-3 LR-2 / SDH STM L-1.2

Specifications

- Distance: 80km
- Data Rate (max): 155 Mb/s
- Protocol: Optical Fast Ethernet Compatible SONET OC-3 Compliant Wireless CPRI Compliant
- Low End Case Temperature (°C): -40
- High End Case Temperature (°C): 85
- Diagnostics: Digital
- Transmitter: DFB Laser
- Receiver: PIN
- Voltage Supply: 3.3
- Connector: LC
- Wavelength: 1550nm

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