

# Finisar FTLF1323P1BTR Datasheet



Finisar FTLF1323P1BTR OC-3 SR-1/STM I-1 or OC-3 IR-1/STM S-1.1 SFP Optical Transceiver

FTLF1323P1BTR

FTLF1323P1BTR Small Form Factor Pluggable (SFP) transceivers are compatible with the SFP Multi-Sourcing Agreement (MSA). They comply with SONET and SDH standards at OC-3 IR-1/STM S-1.1 and OC-3 SR/STM I-1, and are suitable for Fast Ethernet applications. 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

- Up to 155 Mb/s bi-directional data links
- Hot-pluggable SFP footprint
- Built-in digital diagnostic functions
- Uncooled Fabry-Perot 1310nm laser transmitter
- Duplex LC connector
- RoHS compliant
- 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 IR-1 / SDH STM S-1.1
- SONET OC-3 SR / SDH STM I-1
- Suitable for Fast Ethernet

## Specifications

- Distance: 15km
- 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: Fabry-Perot Laser
- Receiver: PIN
- Voltage Supply: 3.3
- Connector: LC
- Wavelength: 1310nm

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