

Finisar FTLF1518P1BTL Datasheet



Finisar FTLF1518P1BTL 1000BASE-ZX and 1G Fibre Channel (1GFC) 80km SFP Optical Transceiver

FTLF1518P1BTL

FTLF1518P1BTL Small Form Factor Pluggable (SFP) transceivers are compatible with the SFP Multi-Sourcing Agreement (MSA). They simultaneously comply with Gigabit Ethernet as specified in IEEE Std 802.3 and 1x Fibre Channel as defined in FC-P1-4 Rev 8.00. 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 1.25Gb/s bi-directional data links
- Hot-pluggable SFP footprint
- Built-in digital diagnostic functions
- Uncooled 1550nm DFB laser transmitter
- Duplex LC connector
- RoHS compliant
- Metal enclosure, for lower EMI
- Single 3.3V power supply
- Up to 80 km on 9/125µm SMF
- Low power dissipation <700mW typical
- Extended operating temperature range: -40°C to 85°C

Applications

- Gigabit Ethernet
- 1X Fibre Channel

Specifications

- Distance: 80km
- Data Rate (max): 1.25 Gb/s
- Protocol: Optical Gigabit Ethernet Compliant 1x Fibre Channel 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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