

Optical Transceivers

1000BASE-LX and 1G Fibre Channel (1GFC) 10km Industrial Temperature Gen 3 SFP Optical Transceiver FTLF1318P3BTL



Form Factor:

SFP

Finisar's FTLF1318P3BTL 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-PI-2 Rev. 8.00. They are RoHS compliant and lead-free per Directive 2011/65/EU and Finisar Appl. Note AN-2038. Digital diagnostics functions are available via the 2-wire serial bus specified in the SFP MSA.

- Up to 1.25Gb/s bi-directional data links
- Hot-pluggable SFP footprint
- Build-in digital diagnostic functions
- 1310nm Fabry-Perot laser transmitter
- Duplex LC connector
- RoHS compliant and Lead Free
- Up to 10 km on 9/125µm SMF
- Metal enclosure for lower EMI
- Single 3.3V power supply
- Low power dissipation <600mW typical
- Industrial operating temperature range: -40°C to 85°C

Specifications :

Distance: 10 km

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: Fabry-Perot Laser

Receiver: PIN

Voltage Supply: 3.3

Connector: LC

Wavelength: 1310nm Band