

Finisar FTLF8524P2BNL Datasheet



Finisar FTLF8524P2BNL 4G Fibre Channel (4GFC) 150m SFP Optical Transceiver

FTLF8524P2BNL

FTLF8524P2BNL Small Form Factor (SFP) transceivers are compatible with the SFP Multi-Sourcing Agreement (MSA). They are compatible with Fibre Channel FC-PI-2 Rev. 7.0. Rate selectable versions are also compatible with Gigabit Ethernet as specified in IEEE Std 802.3. 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 4.25 Gb/s bi-directional data links
- Hot-pluggable SFP footprint
- Built-in digital diagnostic functions
- 850 nm Oxide VCSEL transmitter
- Duplex LC connector
- RoHS compliant
- Up to 500 meter on 50/125 μ m MMF, 300 meter on 62.5/125 μ m MMF
- Metal enclosure for lower EMI
- Single 3.3 V power supply
- Extended operating temperature range: -20°C to 85°C

Applications

- Tri-rate 1.063/2.125/4.25 Gb/s Fibre Channel

Specifications

- Distance: 550 m
- Data Rate (max): 4.25 Gb/s
- Protocol: Optical Gigabit Ethernet Compatible 1x Fibre Channel Compliant 2x Fibre Channel Compliant 4x Fibre Channel Compliant
- Low End Case Temperature (°C): -20
- High End Case Temperature (°C): 85
- Diagnostics: Digital
- Transmitter: VCSEL
- Receiver: PIN
- Voltage Supply: 3.3
- Connector: LC
- Wavelength: 850nm

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