

# Finisar FTLF8524P3BNL Datasheet



Finisar FTLF8524P3BNL 3.7G CPRI Wireless 300m SFP Optical Transceiver

FTLF8524P3BNL

FTLF8524P3BNL Small Form Factor Pluggable (SFP) transceivers are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA). 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 3.7 Gb/s bi-directional data links
- Hot-pluggable SFP footprint
- Built-in digital diagnostic functions
- 850nm Oxide VCSEL transmitter
- Duplex LC connector
- RoHS compliant
- Up to 300m on 62.5/125  $\mu$ m MMF
- Metal enclosure for lower EMI
- Single 3.3 V power supply
- <0.5W power dissipation
- Extended operating temperature range: -40°C to 85°C

## Applications

- Dual Rate 1.063/2.125 Gb/s Fibre Channel and Wireless application
- 1.25 Gb/s 1000BASE-SX Ethernet

## Specifications

- Distance: 300 m
- Data Rate (max): 3.7 Gb/s
- Protocol: Optical Gigabit Ethernet Compatible 1x Fibre Channel Compliant 2x Fibre Channel Compliant Wireless CPRI Compliant
- Low End Case Temperature (°C): -40
- High End Case Temperature (°C): 85
- Diagnostics: Digital
- Transmitter: VCSEL
- Receiver: PIN
- Voltage Supply: 3.3
- Connector: LC
- Wavelength: 850nm

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