

# Finisar FTLF8528P3BCV Datasheet



Finisar FTLF8528P3BCV 8G Fibre Channel (8GFC) 150m SFP+ Optical Transceiver

FTLF8528P3BCV

FTLF8528P3BCV SFP+ transceivers are designed for use in Fibre Channel links up to 8.5 Gb/s data rate over multimode fiber. They are compliant with FC-P1-4 Rev. 8.00 and SFF-8472 Rev 11.0, and compatible with SFF-8432 and applicable portions of SFF-8431 Rev. 4.1. The optical transceiver is RoHS compliant as described in Application Note AN-2038.

## Features

- Up to 8.5 Gb/s bi-directional data links
- Hot-pluggable SFP+ footprint
- Built-in digital diagnostic functions
- 850nm Oxide VCSEL laser transmitter
- Duplex LC connector
- RoHS compliant
- 50m on 50/125µm MMF
- 150m on high-bandwidth
- 50/125um (OM3) MMF
- Metal enclosure, for lower EMI
- Single 3.3V power supply
- <0.5W power dissipation
- Extended operating temperature range: 0°C to 70°C

## Applications

- Tri-Rate 2.125/4.25/8.5 Gb/s Fibre Channel
- Wireless – CPRI
- Wireless – OBSAI

## Specifications

- Distance: 100 m
- Data Rate (max): 8.5 Gb/s
- Protocol: 1x Fibre Channel Compatible 2x Fibre Channel Compliant 4x Fibre Channel Compliant 8x Fibre Channel Compliant
- Low End Case Temperature (°C): 0
- High End Case Temperature (°C): 70
- Diagnostics: Digital
- Transmitter: VCSEL
- Receiver: PIN
- Voltage Supply: 3.3
- Connector: LC
- Wavelength: 850nm

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