

Finisar FTLF8529P4BCV Datasheet



Finisar FTLF8529P4BCV 16G Fibre Channel (16GFC) 100m SFP+ Optical Transceiver

FTLF8529P4BCV

FTLF8529P4BCV SFP+ transceivers are designed for use in Fibre Channel links up to 14.025 Gb/s data rate over multimode fiber. They are compliant with FC-PI-5 Rev. 6.00, SFF-8472 Rev 11.0 and SFF-8081, 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 14.025 Gb/s bi-directional data links
- Hot-pluggable SFP+ footprint
- Built-in digital diagnostic functions
- 850nm Oxide VCSEL laser transmitter
- Duplex LC connector
- Bail latch or pull tab
- RoHS compliant
- 35m on 50/125µm MMF
- 100m over M5E MMF (50/125um OM3)
- Metal enclosure, for lower EMI
- Single 3.3V power supply
- Operating temperature range: 0°C to 70°C

Applications

- Tri-Rate 4.25/8.5/14.025 Gb/s Fibre Channel

Specifications

- Distance: 100 m
- Data Rate (max): 14.025 Gb/s
- Protocol: 4x Fibre Channel Compliant; 8x Fibre Channel Compliant; 10x 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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