

Finisar FTLF8532P4BCV Datasheet



Finisar FTLF8532P4BCV 32G Fibre Channel (32GFC) Short-Wavelength SFP28 Optical Transceiver

FTLF8532P4BCV

FTLF8532P4BCV SFP28 optical transceivers are designed for use in Fibre Channel links up to 28.05 Gb/s data rate over multimode fiber. They are compliant with FC-PI-6, SFF-8472 Rev 12.2, 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 28.05 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
- 100m over M5F MMF (50/125 μ m OM4)
- 70m over M5E MMF (50/125 μ m OM3)
- 20m on 50 μ m (OM2) MMF
- Metal enclosure, for lower EMI
- Single 3.3V power supply
- Operating temperature range: 0°C to 70°C

Applications

- Tri Rate 8.5/14.025/28.05 Gb/s Fibre Channel

Specifications

- Distance: 100 m
- Data Rate (max): 28.05 Gb/s
- Protocol: 8x Fibre Channel Compliant 16x Fibre Channel Compliant 32x 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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