

# Finisar FTLF8536P4BCL Datasheet



## Finisar FTLF8536P4BCL 25GE SR SFP28 Optical Transceiver

### FTLF8536P4BCL

FTLF8536P4BCL SFP+ optical transceivers are designed for use in 25 Gb/s data rate over multimode fiber. They are compliant to IEEE 802.3by, SFF-8472 Rev 12.2 and SFF-8402, 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 25.78 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 $\mu$ m OM4)
- 70m over M5E MMF (50/125 $\mu$ m OM3)
- 20m on MMF (50/125 $\mu$ m OM2)
- Metal enclosure, for lower EMI
- 1.2W maximum power consumption
- Single 3.3V power supply
- Operating temperature range: 0°C to 70°C

## Applications

- 25.78 Gb/s single lane 100GE SR4

## Specifications

- Distance: 100 m
- Data Rate (max): 25.78 Gb/s
- Protocol: 25G Ethernet 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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