

Qlogic FTLF8528P3BCV-QL Datasheet



Genuine Qlogic FTLF8528P3BCV-QL 8G Fibre Channel Short Wave 150m SFP+ Optical Transceiver

FTLF8528P3BCV-QL

Qlogic FTLF8528P3BCV-QL 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-PI-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.

Features

- Type: SFP+
- Compatibility: Finisar compatible
- Tx/Rx Wavelength: 850 nm. / 850 nm.
- Media Type: Multi-Mode Fiber (MMF)
- Optical Budget: 4.6 dB
- Max. Distance: 300 m (OM2), 33 m /82 m (OM1)
- Data Rate: 1.0625-10.52 Gbps
- Temperature: Standard 0°-70°C

Specifications

- Media Type: Multi-Mode Fiber (MMF)

- TX Wavelength: 850 nm.
- RX Wavelength: 850 nm.
- Minimum Optical Budget: 4.6 dB
- Maximum Distance: 300m
- Supported Data Rate: 1.0625-10.52 Gbps
- Supported Applications: 10G Fiber Channel (10.52 Gbps), 8G Fiber Channel (8.5 Gbps), 4G Fiber Channel (4.25 Gbps), 2G Fiber Channel (2.125 Gbps), 1G Fiber Channel (1.0625 Gbps)
- DDM/DOM: Support
- Temperature Range: Standard 0°-70°C
- Connectors: Double LC
- Tx Wavelength Bandwidth: 20 nm (840-860 nm)
- Rx Wavelength Bandwidth: 20 nm (840-860 nm)
- Minimum Transmitting Power: -6.5 dB
- Maximum Transmitting Power: 1 dB
- Receiver Sensitivity: -11.1 dBm
- Receiver Overload: -1 dBm
- Dispersion: 110 ps/nm
- Transmitter Type: VSCEL Laser
- Receiver Type: PIN photodiode
- Power: +3.3V single power supply
- Chipset: MAXIM, MINDSPEED, SEMTECH
- Compliance: CE, Class 1 FDA and IEC60825-1 Laser Safety Compliant, RoHS, SFF-8431, SFP MSA

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