

# Finisar FTLX1471D3BTL Datasheet



## II-VI Finisar FTLX1471D3BTL 10Gb/s Industrial Temperature 10km Single Mode Datacom SFP+ Transceiver

### FTLX1471D3BTL

Finisar's FTLX1471D3BTL 10Gb/s Enhanced Small Form Factor Pluggable SFP+ transceivers are designed for use in 10-Gigabit Ethernet links up to 10km over Single Mode fiber. They are compliant with SFF-8431, SFF-8432 and IEEE 802.3ae 10GBASE-LR/LW, and 10G Fibre Channel 1200-SM-LL-L Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472. The FTLX1471D3BTL is a "limiting module", i.e., it employs a limiting receiver. Host board designers using an EDC PHY IC should follow the IC manufacturer's recommended settings for interoperating the host-board EDC PHY with a limiting receiver SFP+ module. The transceiver is RoHS compliant and lead free per Directive 2002/95/EC, and Finisar Application Note AN-2038.

### Features

- Hot-pluggable SFP+ footprint
- Supports 9.95 to 10.5Gb/s bit rates
- Power dissipation < 1W
- RoHS-6 compliant (lead-free)
- Industrial temperature range -40°C to 85°C
- Single 3.3V power supply
- Maximum link length of 10km
- Uncooled 1310nm DFB laser
- Receiver limiting electrical interface
- Duplex LC connector

- Built-in digital diagnostic functions

## Applications

- 10GBASE-LR/LW 10G Ethernet
- 1200-SM-LL-L 10G Fibre Channel

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