

## Product Specification

### RoHS-6 Compliant 10Gb/s 10km 1310nm Single Mode Datacom SFP+ Transceiver FTLX1475D3BCL

#### PRODUCT FEATURES

- Hot-pluggable SFP+ footprint
- Supports 9.95 to 10.5 Gb/s bit rates
- Power dissipation < 1W
- RoHS-6 compliant (lead-free)
- Commercial temperature range -5°C to 70°C
- Single 3.3V power supply
- Maximum link length of 10km
- Uncooled 1310nm DFB laser
- Limiting electrical interface receiver.
- Duplex LC connector
- Built-in digital diagnostic functions



#### APPLICATIONS

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

Finisar's FTLX1475D3BCL 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<sup>1</sup>, SFF-8432<sup>2</sup> and IEEE 802.3ae 10GBASE-LR/LW<sup>3</sup>, and 10G Fibre Channel 1200-SM-LL-L<sup>4</sup>. Digital diagnostics monitoring is available via a 2-wire serial interface, as specified in SFF-8472<sup>5</sup>. The FTLX1475D3BCL employs a limiting receiver.

The optical transceiver is compliant per the RoHS Directive 2011/65/EU<sup>6</sup>. See Finisar Application Note AN-2038 for more details<sup>7</sup>.

#### PRODUCT SELECTION

**FTLX1475D3BCL**