

## Product Specification

### 10Gb/s 850nm Multimode Datacom SFP+ Transceiver

#### FTLX8574D3BCL

#### 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 400m on OM4 MMF
- Uncooled 850nm VCSEL laser
- Receiver limiting electrical interface
- Duplex LC connector
- Built-in digital diagnostic functions



#### APPLICATIONS

- 10GBASE-SR/SW 10G Ethernet
- 1200-Mx-SN-I 10G Fibre Channel

Finisar's FTLX8574D3BCL 10Gb/s SFP+ transceivers are designed for use in 10-Gigabit Ethernet links over multimode fiber. They are compliant with SFF-8431<sup>1</sup>, SFF-8432<sup>2</sup>, IEEE 802.3-2012 10GBASE-SR/SW<sup>3</sup> and 10G Fibre Channel 1200-Mx-SN-I<sup>4</sup>. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472<sup>5</sup>. The FTLX8574D3BCL 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 optical transceiver is compliant per the RoHS Directive 2011/65/EU<sup>6</sup>. See Finisar Application Note AN-2038<sup>7</sup> for more details.

#### PRODUCT SELECTION

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| <b>FTLX8574D3BCL</b> |
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\*Contact Finisar for higher data-rate support up to 11.1Gbps.