

EOL - Finisar - SFP+ 10G Transceiver, Singlemode LC, 10.3 Gb/s, 1km



Finisar - Transceiver

Finisar's broad product selection and innovative technology have made Finisar the optical module manufacturer of choice for all major networking equipment vendors worldwide. The products are fully compliant with Ethernet, Fiber Channel, Infiniband, SONET/SDH/OTN and PON standards and operate at data rates up to 100 Gb/s. They are capable of distances ranging from very short reach within a datacenter to campus, access, metro, and long-haul reaches. They feature outstanding performance over extended voltage and temperature ranges, while minimizing jitter, electromagnetic interference (EMI) and power dissipation.

Finisar's FTLX1374D3BCL 10Gb/s Enhanced Small Form Factor Pluggable SFP+ transceivers are designed for use in 10-Gigabit Ethernet links up to 1km over Single Mode fiber. The electrical interface is SFI compliant per SFF-8431, and is compliant to SFF-8432. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472. The FTLX1374D3BCL 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.



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Technical Data

Key Features	Hot-pluggable SFP+ footprint
	Supports 10.3Gb/s bit rate
	Power dissipation < 1W
	RoHS-6 compliant (lead-free)
	Data Center temperature range +15°C to +55°C
	Single 3.3V power supply
	Maximum link length of 1km
	4 dB link budget
	Receiver limiting electrical interface
	Duplex LC connector
	Built-in digital diagnostic functions

Applications	Data Center 10G Ethernet
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Weblink	http://www.finisar.com/sites/default/files/pdf/Transceiver%20Guide.pdf
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Product variants & accessories

Art.-No.	Description
FTLX1374D3BCL	EOL - Finisar - SFP+ 10G Transceiver, Singlemode LC, 10.3 Gb/s, 1km
FTLX1471D3BCL	EOL - Finisar - SFP+ 10G Transceiver, Singlemode LC, 10.5 Gb/s, 10km
FTLX1471D3BCV	EOL - Finisar - SFP+ 1G/10G Transceiver, Singlemode LC, 10.3 Gb/s, 10km
FTLX1671D3BCL	EOL - Finisar - SFP+ 10G Transceiver, Singlemode LC, 10.3 Gb/s, 40km
FTLX8571D3BCL	EOL - Finisar - SFP+ 10G Transceiver, Multimode LC, 10.5 Gb/s, 300m