

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



## 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 FTLX1471D3BCV 1G/10G Dual-Rate SFP+ transceivers are designed for use in 1-Gigabit and 10-Gigabit Ethernet links up to 10km over Singlemode fiber. They are compliant with SFF-8431, IEEE 802.3-2005 10GBASE-LR/LW and 1000BASE-LX. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472. This product is for applications specifically designed for 10G SFP+ ports and 1G/10G SFP+ ports and not native 1G SFP ports. The FTLX1471D3BCV 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 interoperability with an SFP+ limiting 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 rate selectable 1.25 Gb/s or 9.95 to 10.3 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 1310 nm DFB laser
	Receiver limiting electrical interface
	Duplex LC connector
	Built-in digital diagnostic functions

Applications	1000BASE-LX 1G Ethernet
	10GBASE-LR/LW 10G Ethernet

On request also available for	Intel NIC - E10GSFPLR
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Weblink	<a href="http://www.finisar.com/products/optical-transceivers/sfp-plus/FTLX1471D3BCV">http://www.finisar.com/products/optical-transceivers/sfp-plus/FTLX1471D3BCV</a>
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## Product variants & accessories

Art.-No.	Description
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
FTLX8571D3BCV	EOL - Finisar - SFP+ 1G/10G Transceiver, Multimode LC, 10.3 Gb/s, 300m