

EOL - Finisar - SFP+ 10G Transceiver, Singlemode LC, 10.5 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 FTLX1471D3BCL 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 FTLX1471D3BCL 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 9.95 to 10.5Gb/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	10GBASE-LR/LW 10G Ethernet
	1200-SM-LL-L 10G Fiber Channel

On request also available for	Brocade - 10G-SFP-LR
	Extreme - 10302
	Arista - SFP-10G-LR
	Juniper MX / EX - EX-SFP-10GE-LR
	Juniper QFX - QFX-SFP-10GE-LR
	Alcatel Omni Switch - SFP-10G-LR
	Avaya / Nortel - AA1403011-E6
	Qlogic NIC - FTLX1471D3BCL-QL

Weblink	http://www.finisar.com/products/optical-transceivers/sfp-plus/FTLX1471D3BCL
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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