

Finisar - XFP+ 10G Transceiver, Singlemode LC, 11.3 Gb/s, 40km



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 40km FTLX1612M3BCL Small Form Factor 10Gb/s (XFP) transceivers comply with the current XFP Multi-Source Agreement (MSA) Specification. They also comply with SONET OC-192 IR-2, OC-192 IR-3, SDH STM S-64.2b, STM S-64.3b as well as with 10-Gigabit Ethernet 10GBASE-ER/EW per IEEE 802.3ae and 40km 10G Fibre Channel application. Digital diagnostics functions are available via a 2-wire serial interface, as specified in the XFP MSA. The transceiver is RoHS compliant and lead free per Directive 2002/95/EC, and Finisar Application Note AN-2038.



tde[®] trans data elektronik GmbH

Headquarter address:

Lingener Str. 2
D-49626 Bippen/Ohrte
Tel.: +49 5435 9511 0
Fax.: +49 5435 9511 32

Sales office address:

Prinz-Friedrich-Karl-Str. 46
D-44135 Dortmund
Tel.: +49 231 8805 61 13
Fax.: +49 231 8805 61 15

info@tde.de | www.tde.de

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Technical Data

Key Features	Supports 9.95Gb/s to 11.3Gb/s bit rates
	Supports 8.5Gb/s Fibre-Channel in CDR Bypass mode
	Maximum link length of 40km
	RoHS-6 compliant (lead-free)
	Temperature-stabilized 1550nm 800 ps/nm EML transmitter
	3.3V and 5V power supplies required
	Duplex LC connector
	Power dissipation < 3.0W
	Built-in digital diagnostic functions
	Commercial temperature range: -5°C to 75°C

Applications	SONET OC-192 IR-2, SDH STM S-64.2b, SONET OC-192 IR-3, SDH STM S-64.3b, ITU-T G.709
	10GBASE-ER/EW, 10GBASE-ER/EW + FEC
	40km 10G Fibre Channel, 40km 10G Fibre Channel + FEC

On request also available for	Brocade - 10G-XFP-ER
	3Com - 3CXFP96
	Extreme - 10124
	Juniper MX / EX - EX-XFP-10GE-ER
	Alcatel Omni Switch - XFP-10G-ER

Weblink	https://www.finisar.com/optical-transceivers/ftlx1612m3bcl
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Product variants & accessories

Art.-No.	Description
FTLX1413D3BCL	Finisar - XFP+ 10G Transceiver, Singlemode LC, 10.5 Gb/s, 10km
FTLX1612M3BCL	Finisar - XFP+ 10G Transceiver, Singlemode LC, 11.3 Gb/s, 40km
FTLX1812M3BCL	Finisar - XFP+ 10G Transceiver, Singlemode LC, 11.32 Gb/s, 80km
FTLX8512D3BCL	Finisar - XFP+ 10G Transceiver, Multimode LC, 10.5 Gb/s, 300m