

Finisar - XFP+ 10G Transceiver, Multimode LC, 10.5 Gb/s, 300m



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 FTLX8512D3BCL Small Form Factor 10Gb/s (XFP) transceivers are compliant with the current XFP Multi-Source Agreement (MSA) Specification. They comply with 10-Gigabit Ethernet 10GBASE-SR/SW per IEEE 802.3ae, 10G Fiber Channel 1200-Mx-SN-I and 8G Fiber 800-Mx-SN-I. The XFP can also support the IEEE OTN/FEC protocols OTU1e and OTU2e upon request. 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

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| Key Features | Hot-pluggable XFP footprint |
| | Supports 8.5Gb/s and 9.9 through 10.5Gb/s bit rates |
| | Power dissipation < 1.5W |
| | RoHS-6 compliant (lead-free) |
| | Commercial temperature range -5°C to +70°C |
| | Single power supply: 3.3V |
| | Maximum link length of 300m |
| | 850nm uncooled VCSEL laser |
| | Duplex LC connector |
| | No Reference Clock required |
| | Built-in digital diagnostic functions |
| | Standard bail release mechanism |

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| Applications | 10GBASE-SR/SW 10G Ethernet |
| | 1200-Mx-SN-I 10G Fiber Channel |
| | 800- Mx-SN-I 8G Fiber Channel |

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| On request also available for | Brocade - 10G-XFP-SR |
| | 3Com - 3CXFP94 |
| | Extreme - 10121 |
| | Juniper MX / EX - EX-XFP-10GE-SR |
| | Alcatel Omni Switch - XFP-10G-SR |
| | Force 10 - GP-XFP-1S |

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| Weblink | http://www.finisar.com/products/optical-transceivers/xfp/FTLX8512D3BCL |
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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 |