Finisar - XFP+ 10G Transceiver, Singlemode LC, 11.32 Gb/s, 80km

\*\*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.

\*\*Transceivers

Finisar's 10Gb/s, 80km TDM XFP transceivers comply with the current XFP Multi-Source Agreement (MSA) Specification, INF-8077i, revision 4.5. They comply with 80km SONET OC-192 and SDH STM-64 per ITU-T G.959.1 P1L1-2D2, and also support 10GBASE-ZR/ZW 80km 10-Gigabit Ethernet, 10G Fiber Channel, 8G Fiber Channel, 10G CPRI, and OTN/FEC protocols OTU2, OTU1e, and OTU2e. 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 2011/65/EU.

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| Key Features | Supports 8.5Gb/s to 11.32Gb/s bit rates |
|   | Hot-pluggable XFP footprint  |
|   | Maximum link length of 80km |
|   | RoHS-6 compliant (lead-free) |
|   | Temperature-stabilized EML transmitter |
|   | Duplex LC connector |
|   | Power dissipation < 3.5W |
|   | Built-in digital diagnostic functions |
|   | XFI Loop-back Support |
|   | Temperature range: 0°C to +70°C |

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| Applications | SONET OC-192/ SDH STM S-64, ITU-T G.959.1 P1L1-2D2 |
|   | IEEE 802.3ae 10GBASE-ZR/ZW, 80km 10G Ethernet |
|   | Extended 80km, 10GFC 1200-SM-LL-L and 800-SM-LC-L |
|   | ITU-T G.709 OTN/FEC (OTU2, OTU1e and OTU2e) |
|   | 10Gb/s CPRI |

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| On request also available for | Brocade - 10G-XFP-ZR |
|   | Extreme - 10125 |
|   | Juniper MX / EX - EX-XFP-10GE-ZR |
|   | Alcatel Omni Switch - XFP-10G-ZR80 |

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| Weblink | http://www.finisar.com/products/optical-transceivers/xfp/FTLX1812M3BCL |