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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.

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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Technical Data

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

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

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

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

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