

Finisar - CFP2 100G Transceiver, Singlemode LC, 103.1 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 FTLC1121RDNL 100G CFP2 transceiver modules are designed for use in 100 Gigabit Ethernet interfaces over single mode fiber. They are compliant with the CFP MSA and IEEE 802.3ba 100GBASE-LR4. Digital diagnostics functions are available via an MDIO interface, as specified by the CFP MSA and Finisar Application Note AN-2118. The transceiver is RoHS-6 compliant and lead-free per Directive 2011/65/EU, and Finisar Application Note AN-2038.



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Technical Data

Key Features	Hot-pluggable CFP2 form factor
	Supports 103.1Gb/s aggregate bit rate
	Power dissipation < 8W
	RoHS-6 compliant (lead-free)
	Commercial case temperature range of 0°C to +70°C
	Single 3.3V power supply
	Maximum link length of 10km on Single Mode Fiber (SMF)
	4x26Gb/s DFB-based LAN-WDM transmitter
	4x26G electrical interface
	Duplex LC receptacles
	MDIO management interface

Applications	100GBASE-LR4 100G Ethernet
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Weblink	http://www.finisar.com/products/optical-modules/cfp/FTLC1121RDNL
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Product variants & accessories

Art.-No.	Description
FTLC1121RDNL	Finisar - CFP2 100G Transceiver, Singlemode LC, 103.1 Gb/s, 10km
FTLC1121SDNL	Finisar - CFP2 OTU4/100G Transceiver, Singlemode LC, 112 Gb/s, 10km