

Finisar - SFP 1G Transceiver, Singlemode LC, 2.125 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 FTLF1519P1xCL Small Form Factor Pluggable (SFP) transceivers are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA). They are simultaneously compatible with Gigabit Ethernet as specified in IEEE Std 802.3 and Fiber Channel FC-PI 13.0. They are RoHS compliant and lead-free per Directive 2002/95/EC and Finisar Application Note AN-2038. Digital diagnostics functions are available via the 2-wire serial bus specified in the SFP MSA.



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Technical Data

Key Features	Up to 2.125 Gb/s bi-directional data links
	Hot-pluggable SFP footprint
	Built-in digital diagnostic functions
	1550nm DFB laser transmitter
	Duplex LC connector
	RoHS compliant and Lead-Free
	Up to 80 km on 9/125µm SMF
	Metal enclosure, for lower EMI
	Single 3.3 V power supply
	< 700mW power dissipation
	Extended operating temperature range: -10°C to +70°C

Applications	Gigabit Ethernet
	1X and 2X Fiber Channel

On request also available for	Brocade - E1MG-LHB
	HP - J4860C
	3Com - 3CSFP97
	Extreme - 10053
	Juniper MX / EX - EX-SFP-1GE-LH
	Alcatel Omni Switch - SFP-GIG-LH70

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

Art.-No.	Description
FTLF1318P3BTL	Finisar - SFP 1G Transceiver, Singlemode LC, 1.25 Gb/s, 10km
FTLF1419P1BCL	Finisar - SFP 1G Transceiver, Singlemode LC, 2.125 Gb/s, 55km
FTLF1519P1BCL	Finisar - SFP 1G Transceiver, Singlemode LC, 2.125 Gb/s, 80km
FTLF8519P3BNL	Finisar - SFP 1G Transceiver, Multimode LC, 2.125 Gb/s, 300m/500m