

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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## Finisar - SFP 1G Transceiver, Singlemode LC, 2.125 Gb/s, 80km

### 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 | <a href="https://www.finisar.com/optical-transceivers">https://www.finisar.com/optical-transceivers</a> |
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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 |