

Finisar - SFP 4G Transceiver, Singlemode LC, 4.25 Gb/s, 4km



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 FTLF1324P2xTy Small Form Factor Pluggable (SFP) transceivers are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA). They are compatible with Fiber Channel FC-PI-2 10.0 standard for 4km distances at 4.25 Gb/s and 10km distances at 2.125 and 1.06 Gb/s. Rate selectable versions are also simultaneously compatible with Gigabit Ethernet 1000Base-LX as specified in IEEE Std 802.3 and 1000Base-LX10 as specified in IEEE Draft P802.3ah/D2.0. The product is RoHS compliant and lead-free per Directive 2002/95/EC and Finisar Application Note AN-2038.



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Technical Data

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| Key Features | Up to 4.25 Gb/s bi-directional data links |
| | Hot-pluggable SFP footprint |
| | Built-in digital diagnostic functions |
| | 1310nm Fabry-Perot laser transmitter |
| | Duplex LC connector |
| | RoHS compliant and Lead-Free |
| | Up to 4 km at 4.25 Gb/s and 10 km at ≤ 2.125 Gb/s on 9/125 μ m SMF |
| | Metal enclosure, for lower EMI |
| | Single 3.3 V power supply |
| | Industrial operating temperature range: -40°C to +85°C |

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| Applications | 1.25Gb/s 1000Base-LX Ethernet and 1000Base-LX10 |
| | Tri Rate 1.06/2.125/4.25 Gb/s Fiber Channel |

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| On request also available for | Brocade - XBR-000142 |
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| Weblink | https://www.finisar.com/optical-transceivers |
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Product variants & accessories

| Art.-No. | Description |
|---------------|--|
| FTLF1324P2BTV | Finisar - SFP 4G Transceiver, Singlemode LC, 4.25 Gb/s, 4km |
| FTLF8524P2BNV | Finisar - SFP 4G Transceiver, Multimode LC, 4.25 Gb/s, 300m/500m |