

Finisar - QSFP+ 40G CWDM Transceiver, Singlemode LC, 41.2 Gb/s, 2km



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 FTL4C1QL2C QSFP+ transceivers are designed for use in 40 Gigabit Ethernet links over singlemode fiber. They are compliant with the QSFP+ MSA and IEEE 802.3ba 40GBASE-LR4 up to 2 km. Digital diagnostics functions are available via an I2C interface, as specified by the QSFP+ MSA. 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

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|--------------|---|
| Key Features | Hot Pluggable QSFP+ form factor |
| | Supports 41.2 Gb/s aggregate bit rates |
| | Power dissipation < 2.5W |
| | RoHS-6 compliant |
| | Commercial operating case temperature range 0°C to +70°C |
| | Single 3.3V power supply |
| | Maximum link length of 2km on Single Mode Fiber (SMF) |
| | Uncooled 4x10Gb/s CWDM transmitter |
| | XLPI electrical interface |
| | Duplex LC receptacles |
| | Built-in digital diagnostic functions; including Tx/Rx power monitoring |

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| Applications | 40GBASE-LR4 Lite 40G Ethernet |
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| Weblink | https://www.finisar.com/optical-transceivers/ftl4c1ql2c |
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Product variants & accessories

| Art.-No. | Description |
|------------|---|
| FTL4C1QL2C | Finisar - QSFP+ 40G CWDM Transceiver, Singlemode LC, 41.2 Gb/s, 2km |
| FTL4C2QE1C | Finisar - QSFP 40G CWDM Transceiver, Multimode LC, 41.2 Gb/s, 140m/160m |