

Optical Transceivers

100GBASE-LR4 and OTU4 10 km QSFP28 Optical Transceiver FTLC1154SDPL



https://www.finisar.com/sites/default/files/styles/colorbox/public/product-images/qsfp28_lr4_ftlc1151rdpl_100g.jpg?itok=OzlkI5yA

Form Factor: QSFP28

Finisar's FTLC1154SDPL QSFP28 transceiver modules are designed for use in 100 Gigabit Ethernet and 4x28G OTN client interfaces over 10km of single mode fiber. They are compliant with the QSFP28 MSA, IEEE 802.3ba 100GBASE-LR4, and OTU4 411-9D1F requirements specified in ITU-T Recommendations G.959.1/G.709 and Supplement 39 (G.sup39). Digital diagnostics functions are available via the I2C interface, as specified by the QSFP28 MSA. The optical transceiver is compliant per the RoHS Directive 2011/65/EU. See Finisar Application Note AN-2038 for more details.

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Key Features

Applications

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Specifications

- Hot-pluggable QSFP28 form factor
- Supports 103.1Gb/s aggregate bit rate
- 3.5W maximum power dissipation
- RoHS-6 compliant
- Single 3.3V power supply
- Maximum link length of 10km on Single Mode Fiber (SMF)
- 4x25Gb/s 1310nm DFB-based transmitter
- 4x25G electrical interface
- Full digital diagnostics functions
- Integrated 4-channel WDM mux/demux for duplex LC operation
- Duplex LC receptacles



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