

Finisar - QSFP 40G CWDM Transceiver, Singlemode LC, 44.6 Gb/s, 10km



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 FTL4C1QM1C QSFP+ transceivers are designed for use in 40 Gigabit Ethernet links and 4x10G OTN client interfaces over single mode fiber. They are compliant with the QSFP+ MSA and IEEE 802.3ba 40GBASE-LR4 and OTU3 C4S1-2D1 requirements specified in ITU-T Recommendation G.695. 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

Key Features	Hot Pluggable QSFP+ form factor
	Supports 44.6 Gb/s aggregate bit rates
	Power dissipation < 3.5W
	RoHS-6 compliant (lead-free)
	Commercial temperature range 0°C to +70°C
	Single 3.3V power supply
	Maximum link length of 10km on Single Mode Fiber (SMF)
	Uncooled 4x10Gb/s CWDM transmitter
	XLPI electrical interface
	Duplex LC receptacles
	Built-in digital diagnostic functions

Applications	40GBASE-LR4 40G Ethernet
	OTN OTU3 C4S1-2D1
	OTU3e1 and OTU3e2

Weblink	http://www.finisar.com/products/optical-modules/QSFP/FTL4C1QM1C
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Product variants & accessories

Art.-No.	Description
FTL410QD3C	Finisar - QSFP 40G Transceiver, Multimode MPO, 12x10.5 Gb/s, 300m/400m
FTL410QE3C	Finisar - QSFP 40G Transceiver, Multimode MPO, 12x10.5 Gb/s, 100m/150m
FTL4C1QE1C	Finisar - QSFP 40G CWDM Transceiver, Singlemode LC, 41.2 Gb/s, 10km
FTL4C1QM1C	Finisar - QSFP 40G CWDM Transceiver, Singlemode LC, 44.6 Gb/s, 10km
FTL4C2QE1C	Finisar - QSFP 40G CWDM Transceiver, Multimode LC, 41.2 Gb/s, 140m/160m