

Finisar - QSFP 40G Transceiver, Multimode MPO, 12x10.5 Gb/s, 100m/150m



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 FTL410QE3C QSFP+ transceivers are designed for use in 40 Gigabit per second links over multimode fiber. They are compliant with the QSFP+ MSA and IEEE 802.3ba 40GBASE-SR4 and breakout to 4 10GBASE-SR. Digital diagnostics functions are available via an I2C interface, including Tx and Rx power monitoring. The transceiver is RoHS-6 compliant and lead-free per Directive 2011/65/EU, and Finisar Application Note AN-2038.



tde[®] trans data elektronik GmbH

Headquarter address:

Lingener Str. 2
D-49626 Bippen/Ohrte
Tel.: +49 5435 9511 0
Fax.: +49 5435 9511 32

Sales office address:

Prinz-Friedrich-Karl-Str. 46
D-44135 Dortmund
Tel.: +49 231 914 36 99
Fax.: +49 231 914 31 29

info@tde.de | www.tde.de

Finisar - QSFP 40G Transceiver, Multimode MPO, 12x10.5 Gb/s, 100m/150m

Technical Data

Key Features	Four-channel full-duplex transceiver module
	Hot Pluggable QSFP+ form factor
	Maximum link length of 100m on OM3 Multimode Fiber (MMF) and 150m on OM4 MMF
	Multirate capability: 1.06Gb/s to 10.5Gb/s per channel
	Unretimed XLPP electrical interface
	Max power dissipation < 1.2W
	Reliable VCSEL array technology
	Built-in digital diagnostic functions, including optical power monitoring
	Commercial operating case temperature range: 0°C to +70°C
	Single 1x12 MPO receptacle
	RoHS-6 Compliant (lead-free)

Applications	40GBASE-SR4 40G Ethernet
	Breakout to 4 x 10GBASE-SR Ethernet
	Proprietary interconnections

On request also available for	Juniper QFX - QFX-QSFP-40G-SR4
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Weblink	https://www.finisar.com/optical-transceivers/ftl410qe3c
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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