



OFMQX10QLR4

40GBase-LR4 Single-Mode QSFP+ transceiver (up to 10 km)



OFMQX10QLR4 is a unidirectional QSFP+ transceiver with 1x40GBase-LR4 port for single-mode fiber optic cable (up to 10 km).

The OFMQX10QLR4 is equipped with a standard duplex LC connector and is designed to work with 9/125 um single-mode fiber. The transceiver provides data transmission at speeds up to 40 Gbps at a distance of up to 10 km. Operating wavelength are 1271 nm, 1291 nm, 1311 nm, 1331 nm.

The OFMQX10QLR4 complies with QSFP+MSA specifications and is hot-pluggable.

Key Features

- Quad Small Form-factor Pluggable Plus (QSFP+)
- 1x40GBase-LR4 port
- Duplex LC connector
- Fiber type: 9/125 um single-mode
- Maximum fiber cable length up to 10 km
- Operating wavelength 1271 nm, 1291 nm, 1311 nm, 1331 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• QSFP+
Interfaces	<ul style="list-style-type: none">• 1x40GBase-LR4 port
Connector	<ul style="list-style-type: none">• Duplex LC
Uni-/Bi-directional	<ul style="list-style-type: none">• Uni-directional
Data Rate	<ul style="list-style-type: none">• 40 Gbps
Maximum Fiber Cable Length	<ul style="list-style-type: none">• 10 km
Fiber Type	<ul style="list-style-type: none">• 9/125 um Single-mode Fiber
Wavelength	<ul style="list-style-type: none">• 1271 nm, 1291 nm, 1311 nm, 1331 nm
Transmit Power Range	<ul style="list-style-type: none">• 2.3 to -7 dBm
Receive Power Range	<ul style="list-style-type: none">• 2.4 to -9.5 dBm
Sensitivity	<ul style="list-style-type: none">• -11.5 dBm
Standard	<ul style="list-style-type: none">• IEEE 802.3ba, 40GBase-LR4
Supported Features	<ul style="list-style-type: none">• Hot swap• MSA compliant• RoHS compliant

Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none">• 71.8 x 18.3 x 8.5 mm
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Operating Conditions

Power Support	<ul style="list-style-type: none">• 3.3 V
Supply Current	<ul style="list-style-type: none">• 1010 mA
Temperature	<ul style="list-style-type: none">• Operating: 0 to 70 °C• Storage: -40 to 85 °C
Humidity	<ul style="list-style-type: none">• Operating: 5% to 85%• Storage: 5% to 85%

Package Contents

Package Contents	<ul style="list-style-type: none">• OFMQX10QLR4 Transceiver
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Order Info

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QSFP+ Transceiver, 40GBase-LR4 (Duplex LC),
1271/1291/1311/1331nm, Single-mode fiber, up to 10km
