



OFMQX01QSR4

40GBase-SR4 Multi-mode OM3 (100 m) / OM4 (150 m) QSFP+ transceiver



OFMQX01QSR4 is a unidirectional QSFP+ transceiver with 1x40GBase-SR4 port for multi-mode fiber optic cable (up to 150 m).

The OFMQX01QSR4 is equipped with MPO (male) connector and is designed to work with multi-mode fiber optics. The transceiver provides data transmission at speeds up to 40 Gbps at a distance of up to 100 m (OM3) and 150 m (OM4). Operating wavelength is 850 nm.

The OFMQX01QSR4 complies with QSFP+MSA specifications and is hot-pluggable.

Key Features

- Quad Small Form-factor Pluggable Plus (QSFP+)
- 1x40GBase-SR4 port
- MPO (male) connector
- Fiber type: Multi-mode
- Maximum fiber cable length up to 100 m for OM3 / up to 150 m for OM4
- Operating wavelength 850 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• QSFP+
Interfaces	<ul style="list-style-type: none">• 1x40GBase-SR4 port
Connector	<ul style="list-style-type: none">• MPO (male)
Uni-/Bi-directional	<ul style="list-style-type: none">• Uni-directional
Data Rate	<ul style="list-style-type: none">• 40 Gbps
Fiber Type	<ul style="list-style-type: none">• 50/125 um Multi-mode Fiber (OM3)• 50/125 um Multi-mode Fiber (OM4)
Maximum Fiber Cable Length	<ul style="list-style-type: none">• OM3 MMF: 100 m• OM4 MMF: 150 m
Wavelength	<ul style="list-style-type: none">• 850 nm
Transmit Power Range	<ul style="list-style-type: none">• 2.4 to -7.6 dBm
Receive Power Range	<ul style="list-style-type: none">• 2.4 to -9.5 dBm
Sensitivity	<ul style="list-style-type: none">• -9.5 dBm
Standard	<ul style="list-style-type: none">• IEEE802.3ba, 40GBase-SR4
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">• 600 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 95%• Storage: 5% to 95%



Package Contents

Package Contents	• OFMQX01QSR4 Transceiver
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Order Info

OFMQX01QSR4	QSFP+ Transceiver, 40GBase-SR4 (MPO), 850nm, Multi-mode fiber, OM3: up to 100m / OM4: up to 150m
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