

# D-Link DEM-QX01Q-SR4 Datasheet



D-Link DEM-QX01Q-SR4 40GBASE-SR Multimode QSFP+ Optical Transceiver

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D-Link's 40G QSFP+ Module series are hot-swappable QSFP+ transceivers that plug into QSFP+ slots on switches and support 40G Ethernet. The D-Link 40GBASE QSFP+ Module Series transceivers offer customers a wide variety of 40G Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications.

Quad Small Form-factor Pluggable Plus Format

The transceivers use the Quad Small Form-factor Pluggable Plus format (QSFP+) connectors, which integrate four transmitting and four receiving channels. QSFP+ supports up to 10.5 Gb/s per channel for applications such as 40G Ethernet.

Hot Pluggable

All D-Link transceivers are hot pluggable. You can connect a transceiver while the system is powered on without causing any issues, and easily swap one for another without having to reboot the switch each time. This permits modules to be added or removed without interrupting the network, facilitating maintenance and greatly reducing downtime.

40G Ethernet speeds

The transceivers all support 40G Ethernet, which results in very fast data transmissions of up to 40 Gbit/s. This is 40 times faster than Gigabit Ethernet and enables the switch to handle faster and higher data transmissions, making it very suitable for business needs.

## Features

- Hot pluggable
- Supports 40G Ethernet
- RoHS compliant
- Multiple Source Agreement (MSA) compliant
- IEEE 802.3ba 40GBASE QSFP+ compliant

## Specifications

- Cable Type: Single 1x12 MPO receptacle (female) with OM3 or OM4 MMF
- Transceiver Type: QSFP+
- Supported Features: Hot Pluggable MSA Compliant RoHS Compliant DDM (Digital Diagnostics Monitoring)
- Single/Bi Direction: Single direction
- Sensitivity: -9.5 dBm
- Power: 3.3 V
- Max. Input Current: 350 mA
- Max. Power Budget: 11.9 dB
- Weight: 40 g
- Distance Capacity: " OM3 MMF: 100 m OM4 MMF: 150 m"
- Dimensions: 115.8 mm x 18.4 mm x 13.28 mm
- Fiber Media support: Multi-mode
- Connector: MPO
- Compliant Standard: IEEE 802.3ba
- Wavelength: 850 nm
- Product Description: 40GBASE-SR4 Multi-mode OM3 (100 m) / OM4 (150 m) QSFP+ Transceiver

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