

## Product Highlights

### High performance

40G Ethernet data transmission rate meets the requirements of business-class networks

### Long distance data transmission

Maximum distance of up to 10 km



## DEM-QX10Q-LR4

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

#### Features

- Quad Small Form-Pluggable (QSFP+) form factor
- Hot-pluggable
- Supports 40G Ethernet
- Compliant with RoHS
- Compliant with MSA (Multi-Source Agreement)
- EEE 802.3ba 40GBase QSFP+ compliant

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. Hot-swap capability allows network administrators to plug or unplug it from the SFP slot without having to turn off the power of the connected device.

#### 40G Ethernet speeds

The transceivers support 40G Ethernet, which results in very fast data transmissions of up to 40 Gbit/s, that enables the switches to handle fast and heavy data transmissions, making it suitable for business needs.

**DEM-QX10Q-LR4**

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

General features	
Standard	· IEEE 802.3ba 40GBase-LR4
Wavelength	· 1271 nm, 1291 nm, 1311 nm, 1331 nm
Data Rate	· 40 Gbps
Connector	· Duplex LC
Fiber Type	· 9/125 um Single-mode Fiber
Maximum Fiber Cable Length	· 10 km
Transmit Power Range	· 2.3 to -7 dBm
Receive Power Range	· 2.3 to -13.7 dBm
Sensitivity	· -11.5 dBm
Supported Features	· Hot swap · MSA compliant · RoHS compliant
Physical Parameters	
Power Support	· 3.3 V
Max. Input Current	· 1.1 A
Temperature	· Operating: 0° to 70°C · Storage: -20° to 85°C
Humidity	· Operating: 5% to 85% · Storage: 5% to 85%
Dimensions	· 71.8 mm x 18.3 mm x 8.5 mm
Order info	
DEM-QX10Q-LR4	40GBase-LR4 Single-Mode QSFP+ transceiver (up to 10 km)

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