

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)
- IEEE 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.

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	· 2.4 to -11 dBm
Sensitivity	· -11.5 dBm
Supported Features	· Hot swap · MSA compliant · RoHS compliant
Physical Parameters	
Power Support	· 3.3 V
Temperature	· Operating: 0° to 70°C · Storage: -20° to 85°C
Humidity	· Operating: 0% to 85% · Storage: 0% to 85%
Dimensions	· 78 mm x 18.3 mm x 8.5 mm
Order info	
DEM-QX10Q-LR4	40GBase-LR4 Single-Mode QSFP+ transceiver (up to 10 km)

Updated 13/08/2021