

D-Link DEM-QX10Q-LR4 Datasheet



D-Link DEM-QX10Q-LR4 40GBASE-LR Single-mode 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 mode 9/125 um fiber cable
- Transceiver Type: QSFP+
- Distance Capacity: 10 km
- Dimensions: 118 mm x 18.35 mm x 12.9 mm
- Fiber Media support: Single-mode
- Connector: Duplex LC connector
- Compliant Standard: IEEE 802.3ba
- Wavelength: 1271 nm, 1291 nm, 1311 nm, 1331 nm
- Product Description: 40G BASE-LR4 Single-mode, 10KM QSFP+ TransceiverSFP+ Transceiver
- Single/Bi Direction: Single direction
- Sensitivity: -11.5 dBm
- Supported Features: Hot Pluggable MSA Compliant RoHS Compliant DDM (Digital Diagnostics Monitoring)
- Power: 3.3 V
- Max. Input Current: 1.13 A
- Max. Power Budget: 19.8 dB
- Weight: 40 g

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