



DEM-QX01Q-SR4

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

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 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.

| General features | |
|----------------------|--|
| Standard | · IEEE 802.3ba 40GBase-SR4 |
| Wavelength | · 850 nm |
| Data Rate | · 40 Gbps |
| Connector | · MPO (male) |
| Fiber Media | · Multi-mode |
| Single/Bi Direction | · Single direction |
| Distance Capacity | · OM3 MMF: 100 m · OM4 MMF: 150 m |
| Transmit Power Range | · 6.53 to -5 dBm |
| Receive Power Range | · 2.4 to -9.5 dBm |
| Sensitivity | · -9.5 dBm |
| Cable Type | · Single 1x12 MPO receptacle (female) with OM3 or OM4 MMF |
| Supported Features | · MSA compliant · RoHS compliant |
| Physical Parameters | |
| Power Support | · 3.3 V |
| Max. Input Current | · 600 mA |
| Min. Power Budget | · 4.5 dB |
| Max. Power Budget | · 9 dB |
| Temperature | · Operating: 0° to 85°C · Storage: -40° to 100°C |
| Humidity | · Operating: 30% to 70% · Storage: 30% to 70% |
| Dimensions | · 71.8 mm x 18.3 mm x 8.5 mm |
| Others | |
| Certificates | · CE · RoHS |
| Order info | |
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