D-Link DEM-Q2801Q-SR4 Datasheet

D-Link DEM-Q2801Q-SR4 1-Port 100GBase-SR4 Multi-Mode QSFP28 Transceiver (Up to 70m (OM3)/100m (OM4))

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D-Link's 100G QSFP28 Module series are hot-swappable QSFP28 transceivers that plug into QSFP28 slots on switches and support 100G Ethernet. The D-Link 100GBase QSFP28 Module Series transceivers offer customers a wide variety of 100G Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications.

 Quad Small Form-factor Pluggable 28 Format

The transceivers use the Quad Small Form-factor Pluggable 28 format (QSFP28) connectors, which integrate four independent transmitting and receiving channels. QSFP28 supports up to 25 Gb/s per channel for applications such as 100G 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.

100G Ethernet speeds

The transceivers support 100G Ethernet, which results in very fast data transmissions of up to 100 Gbit/s, that enables the switches to handle fast and heavy data transmissions, making it suitable for business needs.

Specifications

- Standard: IEEE 802.3bm 100GBase-SR4
- Wavelength: 850 nm
- Data Rate: 100 Gbps
- Connector: MPO (female)
- Maximum Fiber Cable Length
    - OM3 MMF: 70 m
- OM4 MMF: 100 m
- Transmit Power Range: 2.4 to -8.4 dBm
- Receive Power Range: 2.4 to -10.3 dBm
- Sensitivity: -9.2 dBm
- Supported Features
    - Hot swap
    - MSA compliant
    - RoHS compliant
- Power Support: 3.3 V
- Supply Current: 760 mA
- Power Consumption: 2.5 W
- Temperature
    - Operating: 0° to 70°C
    - Storage: -40° to 85°C
- Humidity
    - Operating: 0% to 85%
    - Storage: 0% to 85%
- Dimensions: 70 mm x 18.3 mm x 8.5 mm

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