

D-Link DEM-S2810LR Datasheet



D-Link DEM-S2810LR 25GBASE-LR Single-Mode 10 km SFP28 Transceiver

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D-Link's 25G SFP28 Module series are hot-swappable SFP28 transceivers that are plugged into SFP28 slots on switches and support 25G Ethernet. The transceivers use the Small Form-factor Pluggable 28 format (SFP28) connectors. The D-Link 25G SFP28 Module Series transceivers offer customers a wide variety of 25G Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications.

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.

25G Ethernet speeds

The transceivers support 25G Ethernet, which results in very fast data transmissions of up to 25 Gbit/s. This is 25 times faster than Gigabit Ethernet and enables the switch to handle faster and higher data transmissions, making it very suitable for business needs.

Specifications

- Interfaces: One 25GBase-LR port

- Form-factor Type: SFP28
- Connector: Duplex LC
- Single/Bi Direction: Single direction
- Fiber Media support: Single-mode
- Standards: IEEE 802.3cc 25GBase-LR
- Distance Capacity: 10 km
- Data Rate: 25 Gbps
- Wavelength: 1310 nm
- Output Optical Power (TX)
 - Max.: 2 dBm
 - Min.: -5 dBm
- Input Optical Power (RX)
 - Max.: 0.5 dBm
 - Min.: -13.3 dBm
- Sensitivity: -13.3 dBm
- Cable Type: 9/125 um Single-mode Fiber
- Supported Features
 - Hot Pluggable
 - MSA Compliant
 - RoHS Compliant
- Power Support: 3.3 V
- Max. Input Current: 300 mA
- Min. Power Budget: 8.3 dBm
- Max. Power Budget : 15.3 dBm
- Heat Generated : 3.6 KJ/h
- Temperature
 - Operating: 0° to 70°C
 - Storage: -40° to 85°C
- Humidity
 - Operating: 5% to 95%
 - Storage: 5% to 95%
- Dimensions: 57.3 x 13.7 x 8.5 mm
- Weight: 25 g
- EMI
 - CE
 - FCC
 - VCCI

- Safety
 - LVD
 - EN 60825-1
 - EN 60825-2

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