# D-Link DEM-435XT Datasheet



D-Link DEM-435XT 10GBase-LRM SFP+ Transceiver (Multimode 1310nm)

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D-Link's 10G SFP+ Module series are hot-swappable transceivers that plug into SFP+ slots on switches and support 10G Ethernet. The D-Link 10GBase SFP+ Module Series transceivers offer customers a wide variety of 10G Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications.

Enhanced Small Form-factor Pluggable Format

The transceivers use the Enhanced Small Form-factor Pluggable format (SFP+). The SFP+ form factor is smaller than other form factors such as Xenpak, X2, and 10G XFP, ensuring lower costs, lower power disruption, and higher port density. They provide the necessary signal amplification for data to be transmitted to the network cable from the port, and vice versa, for the port to receive data from the network cable.

Hot Pluggable

All D-Link transceivers are hot-pluggable. You can connect a transceiver while the system is powered on without causing any problems. This permits modules to be added or removed without interrupting the network.

10G Ethernet speeds

The transceivers all support 10G Ethernet, which results in very fast data transmissions of up to 10Gbit/s. This is 10 times faster than Gigabit Ethernet and enables the switch to handle faster and higher data transmissions, making it very suitable for business needs.

Specifications

- Standard: IEEE 802.3ae 10GBase-LRM
- Wavelength: 1310 nm
- Data Rate: 10 Gbps
- Connector: Duplex LC
- Fiber Type
    - 50/125 um Multi-mode Fiber
    - 62.5/125 um Multi-mode Fiber
- Maximum Fiber Cable Length: 200 m
- Transmit Power Range: 0.5 to -6.5 dBm
- Receive Power Range: 1.5 to -10 dBm
- Sensitivity: -10 dBm
- Power Support: 3.3 V
- Supply Current: 300 mA
- Temperature
    - Operating: 0° to 70°C
    - Storage: -40° to 85°C
- Humidity
    - Operating: 5% to 85%
    - Storage: 5% to 95%
- Dimensions: 56.5 mm x 14.8 mm x 11.85 mm

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