

D-Link DEM-423XT Datasheet



D-Link DEM-423XT 10.5 Gbps 10GBASE-ER 1550nm Single Mode 40km XFP Transceiver

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D-Link's 10G XFP Module series are hot-swappable transceivers that plug into XFP slots on switches and support 10G Ethernet. This transceiver provides high-speed operation and physical compactness to deliver the speed, reliable long-distance data transfer, and deployment flexibility that today's fiber networks require. The D-Link 10GBase XFP Module Series transceivers offer customers a wide variety of 10G Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications. The DEM-423XT transceiver operates with +3.3V and +5V power supply.

The DEM-423XT transceiver uses standard duplex LC connector for fiber cable connection. It conforms to industry standards and is interoperable with D-Link 10 Gigabit switches. All D-Link transceivers are hot-pluggable. Hot-swap capability allows network administrators to plug or unplug it from the XFP slot without having to turn off the power of the connected device.

Specifications

- Standard: IEEE 802.3ae 10GBase-ER
- Wavelength: 1550 nm
- Data Rate: 10 Gbps
- Connector: Duplex LC
- Fiber Type: 9/125 um Single-mode Fiber
- Maximum Fiber Cable Length: 40 km

- Transmit Power Range: 2 to -1 dBm
- Receive Power Range: -1 to -16 dBm
- Sensitivity: -16 dBm
- Supported Features
 - Hot swap
 - MSA compliant
 - RoHS compliant
- Power Support
 - 3.3 V
 - 5 V
- Supply Current
 - 500 mA (for 3.3 V)
 - 350 mA (for 5 V)
- Temperature
 - Operating: 0° to 70°C
 - Storage: -40° to 85°C
- Humidity
 - Operating: 0% to 85%
 - Storage: 0% to 85%
- Dimensions: 77.9 mm x 18.3 mm x 8.5 mm
- Certificates
 - Class 1 laser: EN 60825-1
 - FDA 21 CFR 1040.10 и 1040.11

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