

D-Link DEM-422XT Datasheet



D-Link DEM-422XT 10GBASE-LR Single-mode 1310nm 10KM 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, high-performance servers, LAN, WAN and MAN networks.

The DEM-422XT transceiver uses standard duplex LC connector for fiber cable connection. It conforms to industry standards and is interoperable with D-Link 10 Gigabit Ethernet 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-LR
- Wavelength: 1310 nm
- Data Rate: 10 Gbps
- Connector: Duplex LC
- Fiber Type: 9/125 um Single-mode Fiber
- Maximum Fiber Cable Length: 10 km

- Transmit Power Range: 0.5 to -8.2 dBm
- Receive Power Range: 0 to -14.4 dBm
- Sensitivity: -14.4 dBm
- Supported Features
 - Hot swap
 - MSA compliant
 - RoHS compliant
- Power Support: 3.3 V
- Supply Current: 450 mA
- Temperature
 - Operating: 0° to 70°C
 - Storage: -40° to 85°C
- Humidity
 - Operating: 0% to 85%
 - Storage: 0% to 95%
- 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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