

D-Link DEM-421XT Datasheet



D-Link DEM-421XT 10-Gigabit XFP (10GBASE-SR) Transceiver

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Designed to support distances up to 300 meters, the DEM-421XT is a high performance 850nm Multi-Mode XFP transceiver. Supporting Full-duplex, 10Gigabit speeds on Multi-Mode fiber cables. The DEM-421XT is 802.3ae 10GBASE-SR compliant and supports Full-duplex 802.3x Flow control. The DEM-421XT provides the necessary signal amplification for data to be transmitted to the network cable from the port, and vice versa.

The DEM-421XT is hot swappable. You can remove or replace the transceiver with the system powered on. This permits modules and transceivers to be added or swapped without interrupting network systems.

Features

- Up to 300 m multi-mode fiber cable distance coverage
- Compliance with IEEE-802.3ae 10GBASE-SR specifications
- 10.3125Gbps to 10.51875Gbps transmission rates support
- 850nm wave length
- +3.3V/5V power supply support
- Compliant with Multi-Source Agreement (MSA) Small Form Factor Pluggable (XFP)
- Duplex LC connector
- Full duplex 802.3x Flow Control support
- Built-in 2-wire digital management and diagnostic interface

Specifications

- Standard: IEEE 802.3ae 10GBASE-SX 10Gigabit Ethernet
- Transceiver Type: XFP (Small Form Factor Pluggable)
- Connector: Duplex LC
- Data Rates: 10.3125Gbps to 10.51875Gbps
- Wavelength: 850nm
- Cable Type: Multi-mode fiber
- Maximum Cable Distance Coverage: 300 m
- Voltage: +3.3V and +5.0V support
- Operating Temperature: 0 to 70 C
- Storage Temperature: -40 to 85 C
- Humidity: 0% to 85% RH
- Emission
 - FCC Class B
 - CE

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