

D-Link DEM-433XT-DD Datasheet



D-Link DEM-433XT-DD SFP Transceiver 1 Port 10GBASE-ER (with DDM) for singlemode fiber optic cable, power supply 3.3V (up to 40km)

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This D-Link DEM-433XT-DD is a high performance and cost-effective SFP+ module, supporting data-rate of 10.3125Gbps (10GBASE-ER) or 9.953Gbps (10GBASE-EW) over single mode optical fiber. This Product is programmed to be compatible with a wide range of D-Link network equipment, such as 10 Gigabit Ethernet (10 GbE) Switches, Routers, Network Interface Cards (NICs) and Media Converters. Additionally, it also provides a unique enhanced digital diagnostic monitoring interface (DDMI) per SFF-8472, which providing real-time monitoring of the transceiver optics temperature, laser bias current, optical power, received optical power and transceiver optics supply voltage.

Features

- Electrical interface compliant to SFF-8431
- 10Gb/s serial optical interface compliant to 802.3ae 10GBASE-ER
- 1550nm EML transmitter, PIN photo-detector
- Distance up to 40km on single mode fiber
- Single 3.3V power supply
- Metal enclosure, for lower EMI
- ROHS compliant and lead-free

Specifications

- Part Number: DEM-433XT-DD
- Brand: D-Link
- Form Factor: SFP+
- Data Rate: 10Gb/s
- Wavelength: 1550 nm
- Fiber Type: SMF
- Max Distance: 40 km
- Optical Components: EML/PIN
- Transmitter Power: -2 ~ 3 dBm
- Extinction ratio: > 6 dB
- Receiver Sensitivity: < -16 dBm
- Receiver Overload: > 0.5 dBm
- Connector: LC Duplex
- Digital Diagnostic Monitoring: Yes
- Environment
 - Operating: 0°C to 70°C
 - Storage: -40°C to 85°C
- Weight: 0.03 kg
- Application
 - 10GBASE-ER/10GBASE-EW Ethernet
 - 10G Fiber Channel
 - 10GbE Data Center Switches and Routers
- Compliance
 - IEC/EN 61000-4-2, IEC-60825
 - FDA 21CFR 1040.10 and 1040.11
 - RoHS

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