

# D-Link DEM-314GT Datasheet



D-Link DEM-314GT 1000BASE-LX Single-Mode 50 Km SFP Transceiver

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D-Link's new line of Small Form-Factor Pluggables (SFPs) transceivers give you an industry-leading combination of performance and affordability. The DEM-314GT is a high-performance 1550 nm single-mode SFP transceiver supporting full-duplex Gigabit speeds on single-mode fiber for distances of up to 50 km. The unit features a metal housing to reduce EMI and to increase durability.

## Features

- Single-mode fiber transceiver
- Up to 50 km signal transmission
- Hot-pluggable
- Duplex LC connector
- MSA, RoHS-compliant

## Specifications

- EMI: FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B
- Safety: FDA/CDRH, TUV, cUL
- Hot Pluggable: Yes
- MSA Compliant: Yes

- RoHS Compliant: Yes
- Hardware version: E1
- connector: Duplex LC Connector
- single/bi Direction: single-direction
- Wavelength: 1550 nm
- Output Optical Power (TX Optical Power): MAX.: 0 dBm
- Interface: MIN.: -23 dBm
- Input Optical Power (RX Optical Power): MAX.: -3 dBm
- Sensitivity: -23 dBm
- Cable Type: single-mode 9/125um fiber
- Power: 3.3V
- Max Input Current: 300mA
- Power Budget (MIN Power Budget): 17 dB
- MAX Power Budget: 23dB
- Heat Generated: 1.90kJ/h
- Operation Temperature: 0-70°C
- Storage Temperature: -40-85°C
- Humidity (Operating): 10% ~ 90%
- Humidity (Storage): 5% ~ 90%
- Dimension ( W x D x H ): 13.4mm x 56.4mm x 10.35mm
- Weight: 17.8g
- Speed: 1Gbps
- Compliant Standard: IEEE-802.3z 1000BASE-LHX
- Transceiver Type: SFP
- Fiber Channel FC-PI standard: 100-SM-LL-V
- Fiber Media support: Single-Mode
- Distance: 50KM

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