

D-Link DEM-312GT2 Datasheet



D-Link DEM-312GT2 1000BASE-SX Multi-Mode 2 Km LC SFP Transceiver

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D-Link's new line of Small Form-Factor Pluggables (SFPs) transceivers represent an industry-leading combination of performance and affordability. The DEM-312GT2 is a high-performance 1310 nm multi-mode SFP transceiver supporting full-duplex Gigabit speeds on multi-mode fiber for distances of up to 2 km. The unit features a metal housing to reduce EMI and to increase durability.

Features

- 1000BASE-SX port (IEEE 802.3z standard)
- Hot-pluggable
- Multi-mode fiber up to 2 km
- 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: D1
- connector: Duplex LC Connector
- single/bi Direction: single-direction
- Wavelength: 1310 nm
- Output Optical Power (TX Optical Power): MAX.: -3 dBm
- Interface: MIN.: -23 dBm
- Input Optical Power (RX Optical Power): MAX.: -3 dBm
- Sensitivity: -23 dBm
- Cable Type: - multi-mode 62.5/125um fiber: reach 2km - multi-mode 50/125um fiber: reach 1km
- Power: 3.3V
- Max Input Current: 300mA
- Power Budget (MIN Power Budget): 13.5 dB
- MAX Power Budget: 20dB
- Heat Generated: 1.78kJ/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: 17.5g
- Speed: 1Gbps
- Compliant Standard: IEEE-802.3z 1000BASE-SX
- Transceiver Type: SFP
- Fiber Channel FC-PI standard: NA
- Fiber Media support: Multi-Mode
- Distance: 2KM

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