



## Gigabit Interface Converters

### High Performance Singlemode and Multimode SFP Transceivers

### FEATURES

#### Functions:

- LC Port Types
- Full Duplex 802.3x Flow Control
- Wave length: 850nm/1310nm/1550nm
- Power Support: 3.3V
- Standard compliant
- Metal Enclosure Reduces EMI
- Hot Pluggable

#### Support Information:

- Free Technical Support
- 2-Year Warranty
- Extended Support Options Available
- Multi-Vendor Device Support<sup>1</sup> (excluding DEM-312GT2)

<sup>1</sup> Third party devices must comply with specified supported Industry standards and specifications.

D-Links new line of Small Form-Factor Pluggables (SFPs) transceivers represent an industry-leading combination of performance and affordability. D-Link's Gigabit transceivers are available in two form-factors: standard (GBIC) or (SFP)/mini GBIC. These units features a metal housing to reduce EMI and to increase durability. They are hot pluggable and are backed by a standard 2-year product warranty and free technical support.

### Technical Specifications

#### Product specifications

Optical Receiver Sensitivity

-DEM-310GT	-20dBm (max)
-DEM-311GT	-18dBm (max)
-DEM-312GT2	-18dBm (max)
-DEM-314GT	-22dBm (max)
-DEM-315GT	-22dBm (max)

### Interface Options

Connector Type	LC
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### Operational Ranges

Supply Voltage	3.1-3.5V
Max Voltage	6.0V
Max Current	300mA

### Safety Certifications and Environmental Information

Class 1 Laser-FDA 21	EN 60825-1 1040.10 & 1040.11
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### Physical Specifications

Dimensions	1.19 x .47 x 2.25in (3.02x 1.19 x 5.71cm)
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### Warranty and Support Information

Warranty	2 Year Warranty
Support	Free Technical Support

### Ordering Information

Part Number	Description
DEM-310GT	1000BASE-LX SFP Up to 10km
DEM-311GT	1000BASE-SX SFP Up to 220/550m
DEM-312GT2	1000BASE-SX SFP Up to 2km
DEM-314GT	1000BASE-LH SFP Up to 50km
DEM-315GT	1000BASE-ZX SFP Up to 80km

#### D-Link

PRODUCT	VOLTAGE	CONNECTOR	62.5µ Multimode	50.0µ Multimode	9µ Singlemode
DEM-310GT (1000BASE-LX SFP, Up to 10km)	3.3V	LC	550m	550m	10km
DEM-311GT (1000BASE-SX SFP, 220/550m)	3.3V	LC	220m	550m	-
DEM-312GT2 (1000BASE-SX+ SFP, Up to 2km)	3.3V	LC	Up to 2km*	Up to 2km*	-
DEM-314GT (1000BASE-LH SFP, Up to 50km)	3.3V	LC	-	-	50km
DEM-315GT (1000BASE-ZX SFP, Up to 80km)	3.3V	LC	-	-	80km

\* Must be paired with another DEM-310GM2 and/or DEM-312GT2, not for use with other SX GBICs

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