Gigabit Interface Converter
High Performance Copper Gigabit Transceiver

DGS-711

D-Link's new line of Gigabit Interface Converters (GBICs) and Small Form-Factor Pluggables (SFPs) transceivers represent an industry leading combination of performance and affordability. D-Link's new Gigabit transceivers are available in two form-factors: standard (GBIC) or (SFP)/mini-GBIC.

The DGS-711 is a high performance 1000BASE-T GBIC transceiver. Supporting full duplex, Gigabit speeds on standard CAT5 UPT cable for a distance up to 100m. The unit features a metal housing to reduce EMI and to increase durability. The DGS-711 is hot pluggable and is backed by a standard 3-year product warranty and free technical support. (Note: The DGS-711 Only Supports 1000Mbps Full Duplex)

FEATURES

Product Highlights:
- 1000BASE-T Transceiver
- Hot Pluggable
- Multi-Vendor[1]/Device Support[1]
- Metal Enclosure Reduces EMI
- Standards Compliant
- 3.3V Power Supply
- Duplex RJ-45 Connector

Performance:
- Up to 100m on CAT 5 UTP
- Up To 1.25Gbps Bi-Directional (Gigabit)

Support Information:
- Free Technical Support
- 3 Year Warranty
- Extended Support Options Available

[1]Third-Party Devices Must Comply With specified Supported Industy-Standard Specifications
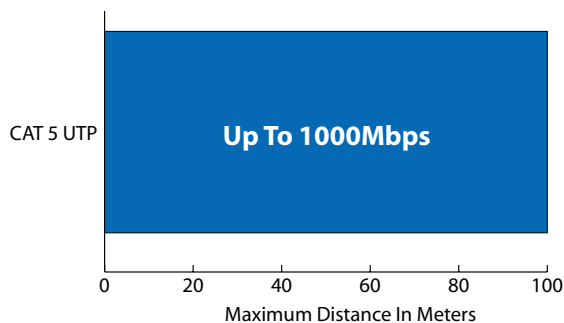
D-Link Gigabit Transceivers

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PRODUCT	TYPE	VOLTAGE	CONNECTOR	CAT5 UTP	62.5µ Multimode	50.0µ Multimode	9µ Singlemode
DGS-701 (1000BASE-SX GBIC, 3.3V, 220/550m)	GBIC	3.3V	SC	-	220m	550m	-
DGS-702 (1000BASE-LX GBIC, 3.3V Up to 10km)	GBIC	3.3V	SC	-	550m	550m	10km
DGS-703 (1000BASE-LX GBIC, 3.3/5V, Up to10km)	GBIC	3.3V/5.0V	SC	-	550m	550m	10km
DGS-704 (1000BASE-LX GBIC, 3.3V, Up to 30km)	GBIC	3.3V	SC	-	-	-	30km
DGS-705 (1000BASE-LX GBIC, 5.0V, Up to 10km)	GBIC	5.0V	SC	-	-	-	10km
DGS-706 (1000BASE-LX GBIC, 5.0V, Up to 30km)	GBIC	5.0V	SC	-	-	-	30km
DGS-707 (1000BASE-SX GBIC, 3.3V, 220/550m)	GBIC	3.3V	SC	-	220m	550m	-
DGS-708 (1000BASE-LX GBIC, 3.3/5.0V, 80km)	GBIC	3.3V/5.0V	SC	-	-	-	80km
DGS-711 (1000BASE-T GBIC, 3.3V Up to 100m)	GBIC	3.3V	RJ45	100m	-	-	-
DEM-310GM2* (1000BASE-SX+ GBIC, 3.3V Up To 2km)	GBIC	3.3V	SC	-	Up to 2km*	Up to 2km*	-
DEM-310GT (1000BASE-LX SFP, 3.3V, Up to 10km)	SFP	3.3V	LC	-	550m	550m	10km
DEM-311GT (1000BASE-SX SFP, 3.3V, Up to 220/550m)	SFP	3.3V	LC	-	220m	550m	-
DEM-312GT2* (1000BASE-SX+ SFP, 3.3V, Up to 2km)	SFP	3.3V	LC	-	Up to 2km*	Up to 2km*	-
DEM-314GT (1000BASE-LX SFP, 3.3V, Up to 50km)	SFP	3.3V	LC	-	-	-	50km
DEM-315GT (1000BASE-LX SFP, 3.3V, Up to 80km)	SFP	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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DGS-711

Gigabit Interface Converter
High Performance 1000BASE-T Transceiver

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CAT 5 UTP — **Up To 1000Mbps**

Maximum Distance In Meters (0 to 100)

D-Link Gigabit Compatability Matrix

MODULE	PRODUCT / REV	DGS-1024T A1/B1	DGS-1024TG B1	DGS-3224TG A1	DGS-3224TGR A1	DGS-3308TG/FG B1
DGS-701 (1000BASE-SX GBIC, 3.3V, 220/550m)	A1		✓	✓		✓
DGS-702 (1000BASE-LX GBIC, 3.3V, Up to 10km)	A1		✓	✓		✓
DGS-703 (1000BASE-LX GBIC, 3.3/5V, Up to 10km)	A1		✓	✓		✓
DGS-704 (1000BASE-LX GBIC, 3.3V, Up to 30km)	A1		✓	✓		✓
DGS-705 (1000BASE-LX GBIC, 5.0V, Up to 10km)	A1		✓	✓		✓
DGS-706 (1000BASE-LX GBIC, 5.0V, Up To 30km)	A1		✓	✓		✓
DGS-707 (1000BASE-SX GBIC, 3.3V, 220/550m)	A1		✓	✓		✓
DGS-708 (1000BASE-LX GBIC, 3.3/5.0V, 80km)	A1		✓	✓		✓
DGS-711 (1000BASE-T GBIC, 3.3V, Up to100m)	A1		✓	✓		
DEM-310GM2* (1000BASE-SX+ GBIC, 3.3V, Up To 2km)	A1		✓	✓		✓
DEM-310GT (1000BASE-LX SFP, 3.3V, Up to 10km)	A1	✓			✓	
DEM-311GT (1000BASE-SX SFP, 3.3V, 220/550m)	A1	✓			✓	
DEM-312GT2* (1000BASE-SX+ SFP, 3.3V, Up to 2km)	A1	✓			✓	
DEM-314GT (1000BASE-LX SFP, 3.3V, Up to 50km)	A1	✓			✓	
DEM-315GT (1000BASE-LX SFP, 3.3V, Up to 80km)	A1	✓			✓	

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

Technical Specifications

Product/Performance Specifications

Data Rate Gigabit	Up to 1.250Gbps (Bi-Directional)

Transmission Range

CAT5	100m

Interface Options

Connector Type	RJ-45 Type

Standards

IEEE	IEEE 802.3ab

Operational Ranges

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

Physical Specifications

Dimensions (WxDxH)	1.19x1.0x3.0 in

Safety Certifications and Environmental Information

Operating Temperature	0°- 65° C (32° - 149° F)
Storage	-40° - 70° C (-40° - 158° F)
HumidityOperating:	10% to 85%

Warranty and Support Information

Warranty	Limited 3 Year Warranty for as long as the original customer/end user owns the product, (excluding power supplies and fans). Power supplies and fans carry a limited 3 year warranty.
Support	Free Technical

Ordering Information

DGS-711	1000BASE-T CAT5 GBIC -(10Mbps and 100Mbps Speeds Are Not Supported)

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