

## Highlights

### Compact Form Factor

Small footprint allows it to be installed anywhere and does not require an additional chassis

### Connect Over Longer Distances

Send a fibre signal over a variety of distances by installing your choice of SFP modules

### Reliable Technology

Adhere to industry standards and are compliant with 802.3u & 802.3x for plug-&-play convenience



## DMC-G01LC

# 10/100/1000Base-T to SFP Standalone Media Converters

## Features

### Small Size

- Tiny footprint allows you to keep space free for other networking devices
- Deploy it wherever you need without having to install an additional chassis

### High Performance

- Cut-Through traffic forwarding
- Low latency

### Variety

- Allows for Gigabit speeds and a wide array of SFP modules

### Standalone Convenience

- Control costs by buying only the equipment your organisation needs

### Powerful Ports

- Auto MDI/MDIX
- Auto-Negotiation
- Half-Duplex and Full-Duplex at 10/100 Mbps, Full-Duplex at 1000Mbps

D-Link's 10/100/1000Base-T to SFP Standalone Media Converter turn an Ethernet connection into fibre, allowing for long distance connections. Instead of requiring an investment in an entire chassis, the standalone DMC-G01LC is able to provide the same high-quality conversion on its own. The standalone nature of these means that you can use save space and cut costs while still extending your network over long distances, depending on the SFP transceiver installed. The DMC-G01LC allows for 1000 Mbps Full-Duplexing, letting you truly maximise your network's potential.

## No Wasted Space

Its compact size fits anywhere and does not require an additional chassis. Measuring just 70 x 95 x 25 mm, this allows for convenient installation wherever it is needed, especially in limited space environments such as telecommunication cabinets or a distribution box.

## 10/100/1000Base-T to SFP Standalone Media Converter

## Technical Specifications

## General

LAN	<ul style="list-style-type: none"> <li>• 1 x 10/100/1000 Mbps port</li> <li>• IEEE 802.3u/x/3ab</li> <li>• Auto-Negotiation for each port</li> <li>• Full-Duplex operation at 1000 Mbps / Half/Full-Duplex operation at 10/100 Mbps               <ul style="list-style-type: none"> <li>• Auto MDI/MDIX</li> </ul> </li> <li>• Supports Jumbo frames up to 9216 bytes at 1000 Mbps</li> </ul>
Max. Forwarding Rate	• 1,488,000 pps
Forwarding mode	• Cut-Through
Packet Buffer Memory	• 256 Kbits
Switching Capacity	• 2 Gbps

## Physical/Environmental

External Power Adapter	• Switching 5V/1A Level V Power Adapter, ErP compliant
Power Consumption (Max.)	• DC 2.34 W / AC 3.46 W
Power Consumption (Standby)	• DC 1.49 W / AC 2.06 W
Heat Dissipation (Max.)	• 11.81 BTU/h
MTBF (hours)	• 506,711
Operation Temperature	• 0 to 50 °C (32 to 130 °F)
Storage Temperature	• -10 to 70 °C (14 to 158 °F)
Operating Humidity	• 10 to 90%
Storage Humidity	• 5 to 90%

## Emission (EMI) &amp; Safety Certifications

EMI	• EMI: CE class A, FCC class A, VCCI class A, BSMI class A
Safety	• LVD, UL/cUL

## Optional Transceivers

DEM-211	• 100BASE-FX, Multi-mode, 2 km
DEM-310GT	• 1000BASE-LX, Single-mode, 10 km
DEM-311GT	• 1000BASE-SX, Multi-mode, 550 m
DEM-312GT2	• 1000BASE-SX, Multi-mode, 2 km



For more information: [www.dlink.com](http://www.dlink.com)

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