



## ADSL/ADSL2+ Microfilter/Splitter

High quality low pass filter with optimum performance

Designed for ADSL2/2+<sup>2</sup>

4 stage filter minimises cordless phone interference

### What this product does

The DSL-12MF is a Microfilter (or Splitter) and is used on a line or extension where both an ADSL modem as well as a PSTN device is desired. The unit splits the line, providing a pass-through connection with no filtering to the ADSL modem, while providing a filtered connection to the PSTN device. Note that all other extensions still need to have a filter of some kind placed on them.

- \* A Filter is required for each phone device connected to your wall outlet (Phone, Fax, Analog Modem, Answering Machine, Alarm Dialer etc).
- \* A maximum of 3 filters may be installed on any one phone line.
- \* Not to be used in conjunction with a "back to base" security alarm system.

### Technical Specifications

**Return Loss Reference Impedance:**  
270Ω + (750Ω//150nF)

**Insertion Loss @ 1kHz:**  
Less than 1dB

**Insertion Loss Distortion:**  
+/- 1dB rel. 1kHz value  
300Hz ~ 4000Hz

**DC Resistance:**  
26Ω

**Unbalance about Earth:**  
50Hz ~ 4kHz > 55dB  
4kHz ~ 30kHz > 55dB  
30Hz ~ 1104kHz > 55dB

**Voice Band Noise:**  
Less than 70dB

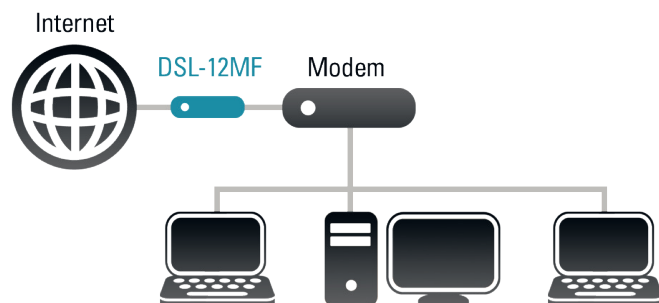
**DC Current Range:**  
15mA ~ 125mA

**Insulation Resistance:**  
Greater than 10MΩ

**ADSL off-hook Isolation:**  
32kHz ~ 138kHz > 55dB  
138kHz ~ 1104kHz > 65 dB

#### Compliance:

ACA Labelling notice requirement  
AS/ACIF S041 : 2005  
Compliant to RCIT.0004  
Meet ETSE TS 101 952-1-5 Option A  
RoHS Compliant  
Works with ADSL2+



Release 02 (Jan. 2011)

## DSL-12MF



All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details. Latest documentation is available at <http://support.dlink.com.au>.

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