

The ADSL microfilter allows the transmission of the voice signal, (low pass band filter) and avoids the transmission of the ADSL signal to the phone or other equipment connected to the output. The voice signal keeps a high quality without distortions or noises.

The maximum number of microfilters that can be installed in the same line is 3, if higher an HR splitter must be used.

**MFAD001** To be used in conventional lines (POTS) and without billing tone. It can be placed next to the telephone or at the line output.

**Countries:** Argentina, Brazil, Colombia, Costa Rica, Chile, Egypt, Spain, Estonia, Greece, India, Island, Italy, Japan, Luxemburg, Peru, Poland, Portugal, Rumania, South Africa, Turkey, Uruguay, U.S.A., Venezuela

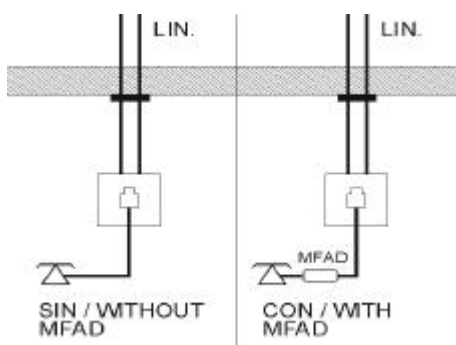


- Ready for new ADSL 2 + technology.
- Plastic material (Fireproof).
- RJ11 connector with gold covering (50µ")
- Exclusive design
- Designed according environment regulation ETS300019 part.1-1, class1.2; part1-2, class2.3; part.1-3, class3.2

## Technical requirements

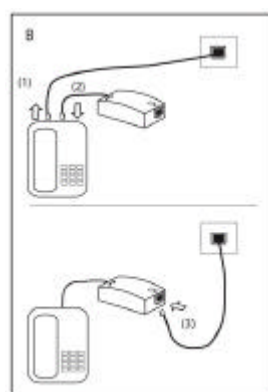
| Voice specifications                     |                        | General specifications                  |               |
|--|------------------------|---|---------------|
| Pass band (P.b.)                         | 0-4 KHz                | Resistance in loop                      | < 50 Ω        |
| Line impedance                           | 600 Ω                  | Line/ground isolation resistance        | > 100 M.Ω     |
| Insertion losses in (B.p.)               | < 0,32dB               | Isolation resistance line               | > 10 M.Ω      |
| Distortion of insert losses in (B.p.)    | < 0,5 dB               | Line connectors                         | 1 RJ11        |
| Return losses to 200Hz : 1MFA - (3MFA)   | > 10,2 dB – (>10,2DdB) | Phone connectors                        | 1 RJ11        |
| Return losses to 3,5KHz : 1MFA - (3MFA)  | > 12 dB – (>10,5 dB)   | Cable with two connectors RJ11 (length) | 15 cm         |
| Return losses to 4,4KHz : 1MFA - (3MFA)  | > 14 dB – (>12,5 dB)   | Surface mounting                        | Adhesive tape |
| ADSL band attenuation (32 KHz – 2,2 MHz) | > 20 dB                | Dimensions                              | (59x27x23) mm |
| Maximum current (Imax) d.c.              | 100 mA                 | Weight                                  | 35 gr         |

## Installation and connections



### Installation diagram

The ADSL microfilter must be placed between the line entrance and the phone, fax or alarm. As shown in the diagram.



### Installation process

- A/1- Unplug the phone cable from the line output.  
 2- Connect the microfilter to the line output. (LIN).  
 3- Connect the phone cable to the microfilter connector RJ11 (telephone).  
 B/1- Unplug the phone line cable.  
 2- Connect the microfilter to phone, with the supplied cable.  
 3- Connect the line cable to the microfilter line (LIN)



### It contains

- Microfilter MFAD001
- Cable 15cm with 2 connectors RJ11
- Adhesive tape
- Installation instructions