

The AM filter avoids the radio electrical interferences from the telephone line cables due to the AM radio commercial emissions.

The AM filter must be placed in the telephone line near the phone affected by these interferences.

**FAM001-** To be used in conventional lines (POTS)

**Countries:** All countries.

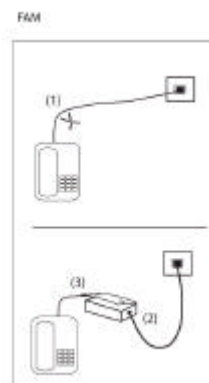
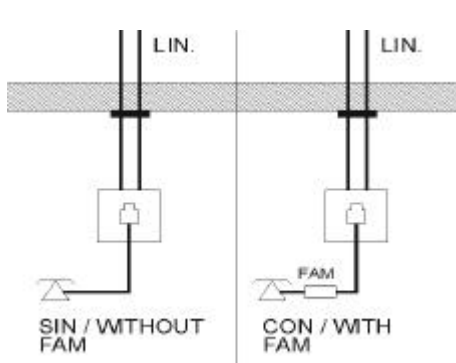


- Plastic material (Fireproof).
- Connector type screw de 2 y 3 vias
- Exclusive design
- It goes through corrosion tests as per regulation UNE20501 ap. 2.11
- Designed according environmental regulation ETS300019 part1-3, class3.2, class1.2 and part 1-2, class2.3

## Technical requirements

Voice specifications		General specifications	
Pass band (P.b.)	400 KHz – 1600 KHz	Resistance in loop	< 50 Ω
Line impedance	600 Ω	Line/ground isolation resistance	> 100 M Ω
Insertion losses (400KHz – 1600 KHz)	< 0,5dB	Isolation resistance line	> 10 M Ω
Insertion losses 12KHz	< 1 dB	Line capacity	15 nf
Transformer loses	< 1 dB	Line connectors	Screw type 3 vias
Insertion losses in comon way	Ganancia < -50dB (400KHz – 1600KHz)	Phone connectors	Screw type 2 vias
Insertion losses (100KHz – 400KHz)	> 10 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 AM filter must be placed between the line entrance point and the telephone as shown in above diagram.

### Installation process

- 1- Cut the line cable somewhere near the telephone.
- 2- Connect the line cable to the AM filter connectors (LIN).
- 3- Connect the other side of the cable to the telephone connector (TELEPHONE) from the AM filter.

### It contains

- Filter FAM001
- Adhesive tape
- Installation instructions