

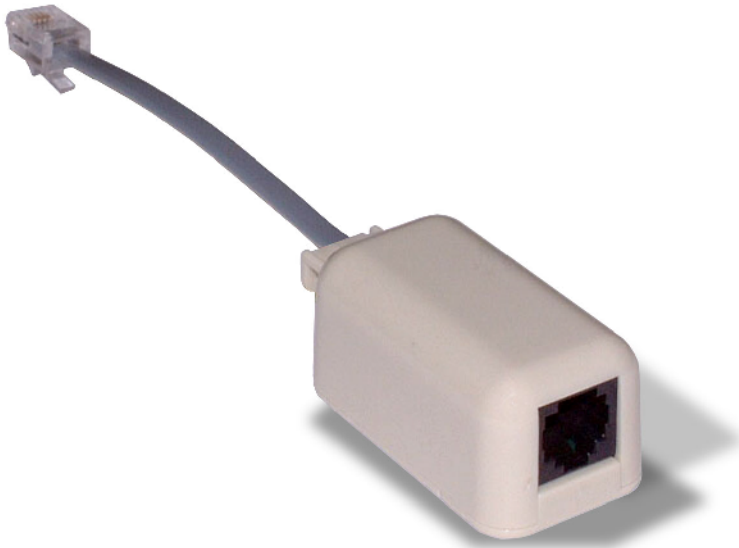
# DSL/HPN In-Line Microfilters

The DSL/HPN Microfilter is a compact in-line unit that enables xDSL and HPN to be deployed at the customer premise without technical supervision or 'truck rolls'. The filters are inserted in the telephone line at telephones, computer voiceband modems and FAX and answering machines. This isolates the POTS instruments from the high xDSL and HPN modem frequencies by presenting a high input impedance at these frequencies, thereby electronically isolating the high frequency network from POTS instruments.

Falco has developed two versions of the In-Line Microfilters for easy user installation on 100 ohms and 600 ohms system, the single In-Line MF0001 and the Symmetrical In-Line version MF0002.

The DSL/HPN In-Line Microfilters attenuation at 30 KHz is 30 dB or greater, yielding T1E1.4 level reduction in the upstream xDSL signal across the POTS instrument.

There is no noticeable primary or intermodulation generated hiss in the telephone sidetone or degradation of FAX machine or voiceband modem data.



## FEATURES

- Extremely cost effective
- Designed/tested to ANSI T1E1.4/2001-007R0
- Supports G.lite, G.dmt, ADSL, V90 and Caller ID
- Loading capacitance on phone port is only 22nF
- Removes xDSL and HPN signals from POTS equipment input
- Presents high impedance to the xDSL and HPN data network
- Supports more than 100 mA of loop current with no filter degradation
- Filters one or more POTS devices sharing a single jack
- Impossible for the user to install incorrectly
- In Europe, supports 12 and 16 KHz fax tones

**FALCO**