



Features

- Full rate
- ADSL or G.Lite
- RJ-11 connector
- Inline
- Meets ANSI T1.413 Issue 2

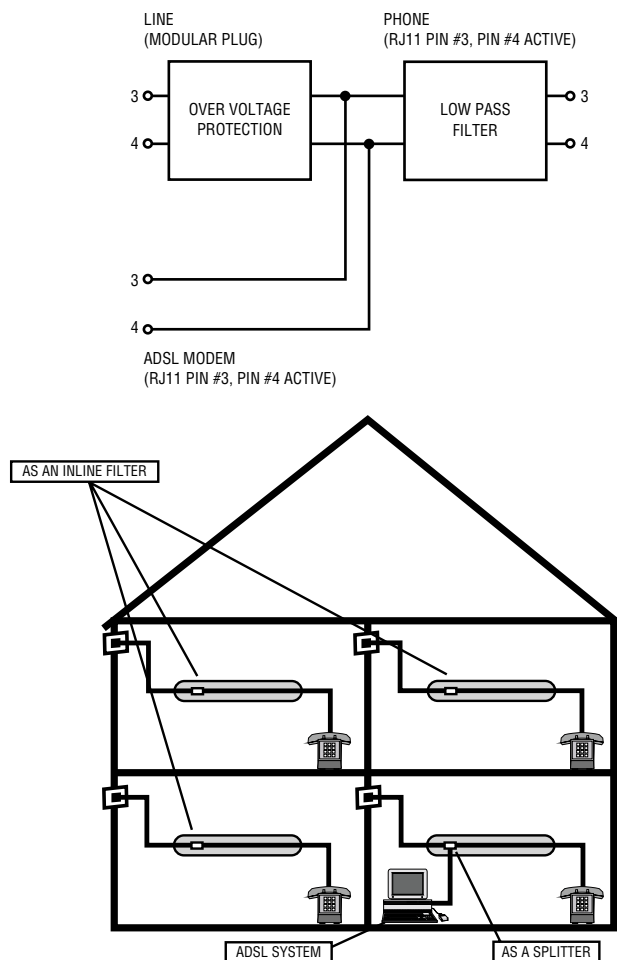
LPFS-1 – ADSL Indoor Filter & POTS Splitter

Bourns LPFS-1 is a Full-Rate / G.Lite ADSL Filter and POTS Splitter for use inside the customer premises. The LPFS-1 is housed in an easy to install, small plastic enclosure with a modular pigtail. Used as an ADSL inline filter, the LPSF-1 is connected in series with each phone in the residence to block high frequency data signals associated with ADSL services. Also used with fax/copy machines and alarm systems. For use as a POTS Splitter, the LPFS-1 has separate voice from data (modem) interfaces.

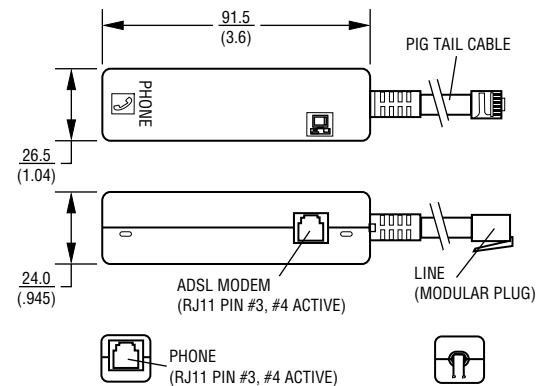
Characteristics

Tip to Ring Capacitance	Min 20 nF, Max 90 nF
DC Resistance	≤25 ohms
Insulation Resistance	>5 Mohms
Insertion Loss at 1004 Hz	<0.75 dB
Attenuation Distortion in the Voice Band	<0.5 dB
Delay Distortion	<200 μs
Longitudinal Balance (200-1 kHz)	>53 dB
Longitudinal Balance (at 3 kHz)	>58 dB
ADSL Band Attenuation (30 kHz-300 kHz)	>65 dB
ADSL Band Attenuation (300 kHz-1104 kHz)	>55 dB
Attenuation (Line to ADSL)	>0.25 dB

Schematic



Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

How To Order

Model LPSF-1 ADSL Indoor Filter
& POTS Splitter Part #3620

REV. B

Specifications are subject to change without notice.