

## 1-Line Inline Adapter DSL Filter

### 1-line ADSL and ADSL2+ Filter w/ Auxiliary Unfiltered Jack



#### Product Description

The Inline Filter connects between the wall jack and voice device (e.g. phone, fax, answering machine, Caller ID) providing a single filtered jack for a voice device communications. Suttle in-line DSL filters eliminate all erratic impedance from telephone equipment that interfere with DSL communications.

#### Features

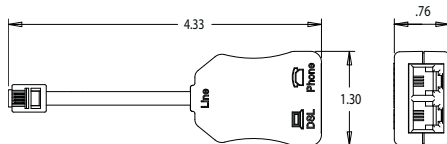
- **Compatible with ADSL and ADSL2+**
- **Standards:**
  - FCC Registered, Complies with Part 68
  - ANSI T1. 421
  - Material is flame retardant thermoplastic compliant with UL 94V-0
- **Filter topology: 2-pole low pass**
- **Contacts (Plug and Jacks) Minimum 50 micro-inch of gold and nickel**
- **Customer installable**

#### Specifications

Dielectric Withstand	-----	1000 VDC for 1 minute
REN	-----	0.1B (ac)
Series DC Resistance	-----	20 ohms max. (T to R with telephone port shorted)
Loading Capacity	-----	16nF (T to R)
DC Loop Current	-----	Operates from 0 - 90mA
Off-Hook Insertion Loss	-----	< 0.2dB @ 1KHz
Off-Hook Insertion Loss Distortion	-----	< 0.5dB (200Hz - 4KHz)
Off-Hook Impedance Distortion	-----	ERL > 9dB SRL-LO > 13dB SRL-HI > 3dB
Envelope Delay	-----	< 100 us (300Hz - 2.8kHz)
Stopband Attenuation	-----	≥ 21dB @ 25kHz - 50kHz ≥ 25dB @ 50kHz - 30MHz
Safety	-----	cULus



#### Dimensions



Part #	Description
900LCCS-50	1-line inline adapter DSL filter (pins 3&4) w/ auxiliary unfiltered jack, ADSL and ADSL2+ compatible

Specifications subject to change without notice. Copyright 2010. Revision: 02/10