

1-Line Inline DSL Filter

1-line ADSL, ADSL2+, VDSL2 to 30 MHz



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

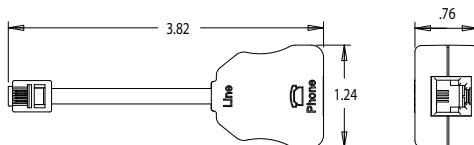
- **Compatible with ADSL, ADSL2+, VDSL2 to 30 MHz (Data Only)**
- **Standards:**
 - FCC Registered, Complies with Part 68
 - ANSI T1. 421
 - Material is flame retardant thermoplastic compliant with UL 94V-0
- **Filter topology: 2-pole low pass**
- **Contacts (Plug and Jacks) Minimum 50 micro-inch of 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
900LCC-50	1-line inline DSL filter (pins 3&4), ADSL and VDSL2 to 30 MHz (Data Only) compatible

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