

# **SUTTLE**

## **Inline DSL Filter**

*900LCC-50, 1-Line*



### **Product Description**

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

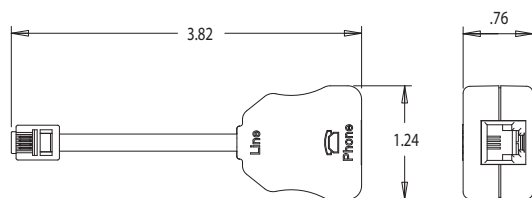
### **Features**

- Compatible with ADSL, ADSL2+, VDSL, VDSL2
- 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
- Small compact design
- 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

### **Outline Dimensions**



### **Ordering Information**

Part Number  
900LCC-50

Description  
1-line filtered, (pins 3 & 4)

Specifications subject to change without notice. Copyright 2008. Revision 07/08

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