SUTTLE

2-Line Inline Adapter DSL Filter

2-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.
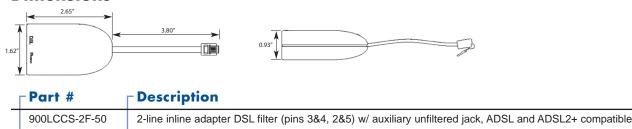
Features

- *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

RoHS COMPLIANT

Dimensions

Part #	Description
900LCCS-2F-50	2-line inline adapter DSL filter (pins 3&4, 2&5) w/ auxiliary unfiltered jack, ADSL and ADSL2+ compatible