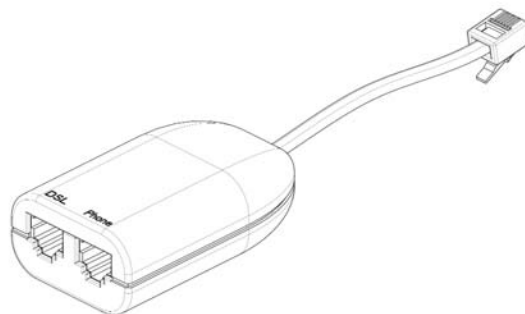


Suttle DSL Line Conditioners

900 Series Compliant In-Line Adapter

Product Reference



900LCCS-2F-50

Product Description

The In-line Adapter connects between the wall jack and voice device (e.g. phone, fax, answering machine, Caller ID) providing both an unfiltered DSL jack for DSL connection and a filtered jack for one or two lines of voice device communications. Suttle In-line DSL filters eliminate all erratic impedance from telephone equipment that interfere with DSL communications.

Product Features

- * Customer installable
- * Eliminates all erratic impedance
- * Filters two lines
- * Meets ANSI T1.421 standards for DSL filter compliance
- * FCC Registered; Complies with Part 68, FCC Rules



Product Specifications

- Filter Topology is 2-pole Low Pass
- REN = 0.1 (B)
- DC resistance through T & R to telephone port is 13 ohms maximum
- Loading capacity on telephone port is 15.5 nf

Part Number

900LCCS-2F-50

Description

2 Lines Filtered, (Line 1: pins 3 & 4; Line 2: pins 2 & 5), Auxiliary DSL Jack



Suttle DSL Line Conditioners

900 Series Compliant In-Line Adapter

Electrical Characteristics

DC Loop Current Filter Meets Spec
Between 0 & 90mA DC

Stopband Attenuation

Off-Hook (min):
 25 kHz-50 kHz 21 dB
 50 kHz-12 MHz 25 dB

Off-Hook Insertion Loss

At 1 kHz 0.1dB

Off-Hook Insertion Loss Distortion

200 Hz - 4 kHz ± 0.3 dB

Off-hook Impedance Distortion with ZHPr

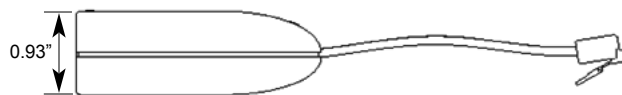
Phone Port:
 ERL 17 dB
 SRL-LO 25dB
 SRL-HI 9 dB

Network Port:
 ERL 18 dB
 SRL-LO 15 dB
 SRL-HI 11 dB

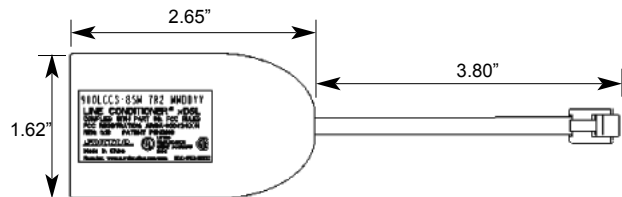
Envelope Delay

300Hz to 2.8kHz <100 us

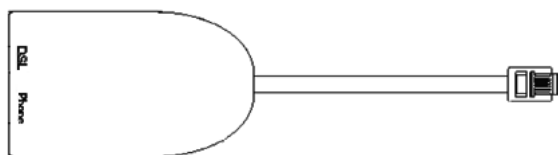
Side View



Bottom View



Top View



Specifications Subject to Change. Revised 11/02.
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