

80-200

Indoor DSL Filter with Data Port

CPE/Premise Wiring

MDU

Utility/Municipality



80-200

The 80-200 Indoor ADSL low pass filter is a passive in-line device designed to block Asymmetric Digital Subscriber Line (ADSL) signals from the subscriber's telephone line, allowing the POTS signal to pass through unaffected. The unit is designed with a second unfiltered RJ-11 jack on the output side for connection to DSL equipment.

KEY PRODUCT BENEFITS

- ▶ A second unfiltered RJ-11 port is provided for connection to ADSL modems and Home Phone Network (HPN) services
- ▶ The 80-200 filter is designed to effectively block ADSL, HPN and other radio frequency signals up to 400-megahertz (400MHz) on both line 1 (Pins 2, 3) and line 2 (Pins 1,4)
- ▶ Designed with an RJ-11 plug on the input end to easily snap into any existing RJ-11 phone jack located at the customer premise
- ▶ The device may be utilized throughout the customer premise to isolate all voice band equipment devices such as telephone sets, answering machines, facsimile (fax) machines, 56Kb/s and lower rate modems, automatic dialers and recorder connectors

INDUSTRY STANDARDS

- ▶ Listed to UL 1863

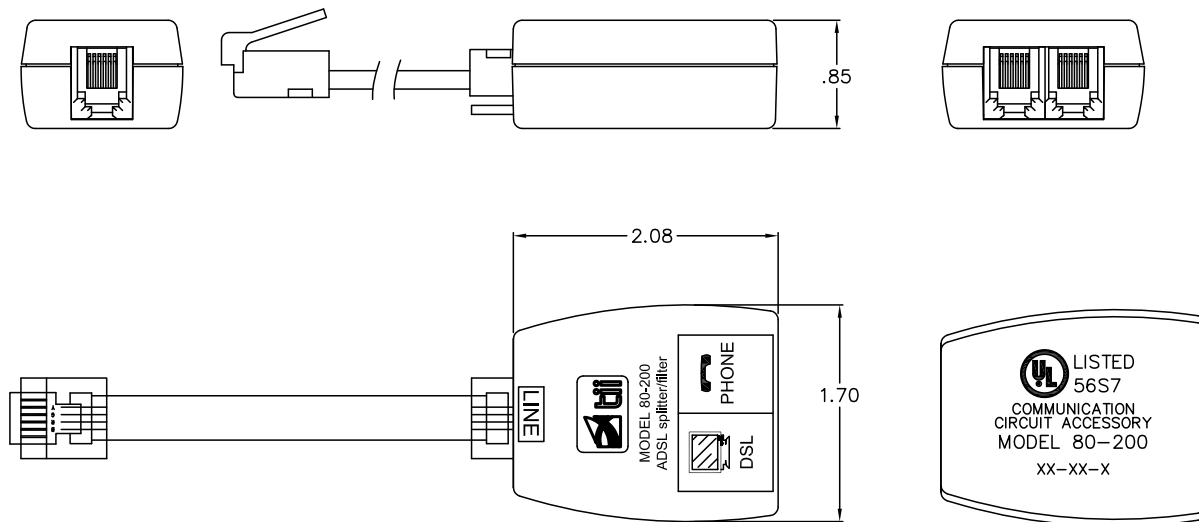


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Dimensions are in Inches

SPECIFICATIONS

Line side differential input blocking impedance

At 20 kHz	> 2k
At 30 kHz	> 3k
From 5 MHz to 10 MHz	> 4k
From 10 MHz to 400 MHz	> 2k

1 kHz insertion loss between 600 Ohm resistive

Single Filter	< 0.7
With 5 Filters	< 0.8

1 kHz/2.8 kHz slope between 600 Ohm resistive

Single Filter	< 0.1
With 5 Filters	< 0.8

DC Resistance in Ohms

Tip to Tip, and Ring to Ring	< 50
Tip to Ring	> 10 M

Longitudinal Balance per IEEE method

From 200 – 1 kHz	> 58 dB
From 1 kHz – 3 kHz	> 53 dB

Common Mode Rejection

40 kHz	> 45 dB
1.1 MHz	> 45 dB

Envelope Delay 300 Hz – 2800 Hz

	< 100µs
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Low pass roll off (slope) between 600 Ohm and ADSL Transmission Unit – Remote

	> 24 dB
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DC Loop Current – Meets specifications between 20 and 100 milliamps DC

ORDERING INFORMATION

Model No.	Description	Standard Pkg.
80-200	Indoor DSL Filter with Data Port	50 per carton