

Features

- Optimized for video over VDSL2 applications
- Superior handling of ring trip currents up to 250 mA
- Service interoperability and compatibility
- Meets requirements of ITU G.993.3 and ITU G.992.5
- Ⓤ Listed per UL 1863 (File: E116756)
- Multiple “Home Run” connections

3610V3 DSL POTS Splitter

The Bourns® Model 3610V3 is a high quality DSL POTS splitter designed to fit industry standard Network Interface Devices (NIDs). The new POTS splitters are optimized for high bit rate video over DSL applications. The products are ANSI T1.413 compliant and meet the requirements of ITU G.992.3 and G.992.5 for use in ADSL, ADSL2+, VDSL and VDSL2 applications. The Model 3610V3 POTS splitters accept the incoming combined voice & data service, filter off the voice (POTS) channel and provide a connection point for the DSL data services (modem). In the event of power loss, the passive filter design allows for lifeline POTS service.

Bourns offers the Model 3610V3 DSL POTS splitter in an industry standard footprint (binding post) which occupies only a single space in the NID. Fitted with screw terminals and flying leads, the 3610V3 unit can be installed in minutes.

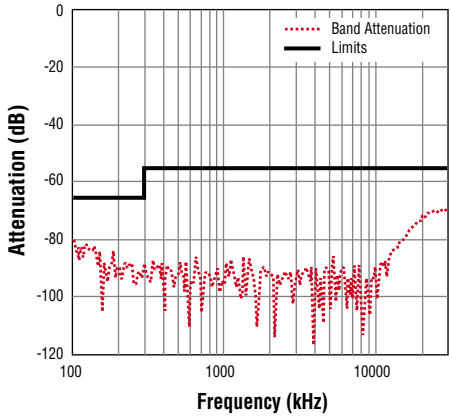
Characteristics

DC Loop Current	0-100 mA
DC Loop Voltage	0 to -60 V
DC Resistance	≤25 ohms
Insertion Loss (Voice Band)	<1.0 dB
Attenuation Distortion (Voice Band)	< ±0.5 dB
Delay Distortion (Voice Band)	<200 μs
Return Loss (Voice Band)	8 dB ERL; 5 dB SRL-Low; 5 dB SRL-High
Longitudinal Balance, Two Port Technique, POTS to Line Port (U-R); Line Port to POTS	>58 dB @ 0.2 to 1 kHz >53 dB @ 3 kHz
VDSL Band Attenuation	>65 dB @30 kHz – 30 MHz
Tip to Ring Capacitance (POTS Port)	<115 nF
Input Impedance (Loading the VDSL Band)	<0.25 dB 30 kHz – 30 MHz
Storage and Operating Temperature	-55 to +85 °C

How To Order

Stud Mount	Part #3610V3

Band Attenuation



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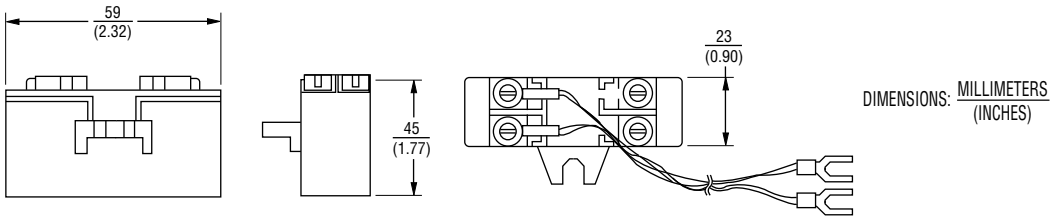
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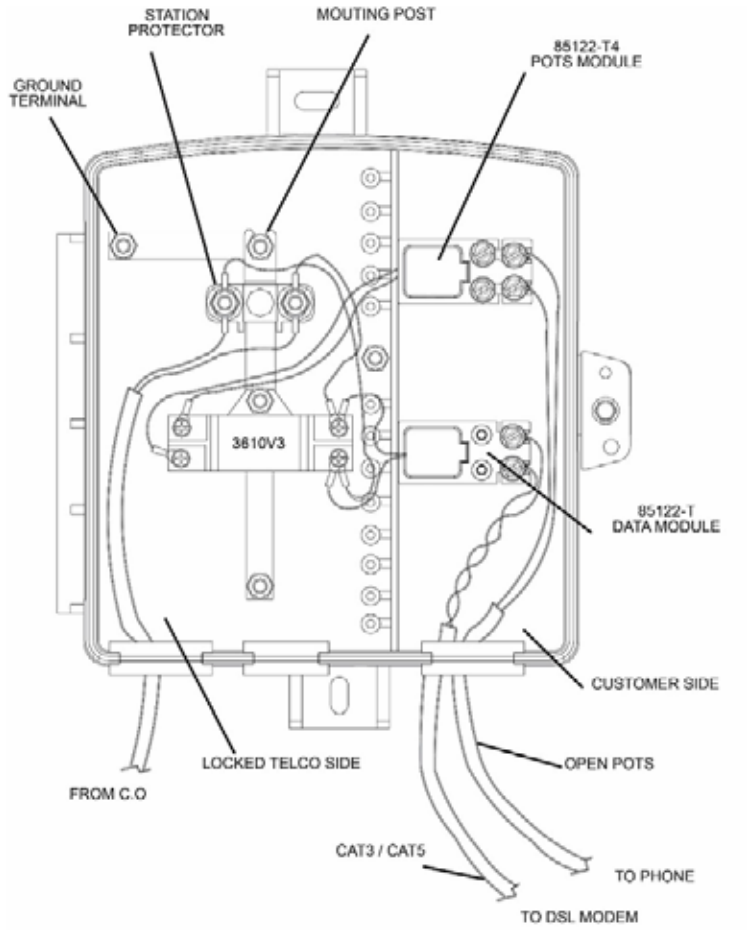
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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Users should verify actual device performance in their specific applications.
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Product Dimensions



Installation Diagram



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