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
- **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**

![Band Attenuation Chart]

** Specifications are subject to change without notice.**

Users should verify actual device performance in their specific applications.

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3610V3 DSL POTS Splitter

Installation Diagram

1. Wire from C.O. (Central Office) connect the Tip and Ring to the Station Protector
2. Wire from the Station Protector to the Pots Splitter label "Network & Modem"
3. Wire the Subscriber Bridge DATA MODULE to the Pots Splitter label "Network & Modem"
4. Wire from the Subscriber Bridge DATA MODULE using CAT3/CAT5 twisted pair to the DSL Modem
5. Wire the Subscriber Bridge POTS MODULE to the Pots Splitter label "Telephone"
6. Wire from the Subscriber Bridge POTS MODULE to the Telephone wire pair
7. Close and secure NID box

Product Dimensions

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>MILLIMETERS (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>59</td>
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<tr>
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