The high quality Bourns® Model 3611A2 ADSL2+ / VDSL2 POTS splitters are designed to fit industry-standard Network Interface Devices (NIDs). These POTS splitters are optimized for high bit-rate video over ADSL2+ / VDSL2 applications. This model is ANSI T1.413 compliant, meets the requirements of ITU G.992.3 and G.992.5 and can be used in ADSL, ADSL2+, VDSL and VDSL2 applications. The Model 3611A2 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 (ADSLx modem). In the event of power loss, the passive filter design allows for lifeline POTS service.

Bourns offers this ADSL2+ POTS splitter in an industry standard footprint (press mount) which occupies only a single space in the NID. Fitted with screw terminals and flying leads, the 3611A2 units can be installed in minutes. When combined with a Bourns® Multi-Stage (MSP®) Station Protector and Sealed Switching Jack, a complete ADSL2+ / VDSL2 solutions package is provided for the customer premises.

**Features**

- Optimized for video over ADSL2+ / VDSL2 applications
- Superior handling of ring currents at 400 - 500 mA
- Service interoperability and compatibility
- Multiple “Home Run” connections
- Meets requirements of ITU G.992.3/5 and ANSI T1.413
- Listed per UL 1863 (File: E116756)
- Optional Insulation Displacement Connectors (IDC)

**Specifications**

- **Impedance (Loading the ADSL Band)**
  - <0.25 dB @ 30 kHz – 30 MHz
- **Inductance (mH)**
  - <115 nF
- **DC current (mA)**
  - >100 mA
- **DC Loop Voltage**
  - 0 to -60 V
- **DC Resistance**
  - ≤25 ohms
- **Insulation (Ring Current)**
  - 500 kVrms
- **Time Delay (ADSL2+ Band)**
  - <60 μs
- **VSWR**
  - ≤1.0 dB
- **Return Loss (Voice Band)**
  - ≤1.0 dB
- **Insertion Loss (Voice Band)**
  - ≤0.5 dB
- **Attenuation Distortion (Voice Band)**
  - ≤0.5 dB
- **Band Attenuation**
  - >55 dB @ 0.2 to 1 kHz
- **Longitudinal Balance, Two Port Technique, POTS to Line Port (U-R); Line Port to POTS**
  - >58 dB @ 0.2 to 1 kHz
- **ADSL Band Attenuation**
  - >65 dB @ 30 kHz – 300 kHz
  - >55 dB @ 901 kHz – 20 MHz
- **Tip to Ring Capacitance (POTS Port)**
  - <115 nF
- **Storage and Operating Temperature**
  - -55 to +85 °C
- **Part #3611A2**

**How To Order**

Press Mount ........................................................................................................ Part #3611A2

**Band Attenuation**

![Band Attenuation Graph]

**WARNING** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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3611A2 Series ADSL2+ / VDSL2 POTS Splitters

Product Dimensions

Installation Diagram

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