



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)

3611A2 ADSL2+ / VDSL2 POTS Splitters

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.

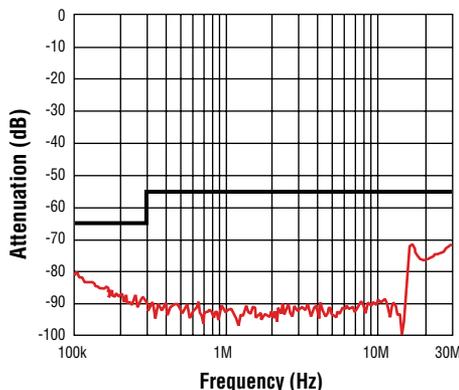
Characteristics

| | |
|--|--|
| 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 |
| ADSL Band Attenuation..... | >65 dB @30 kHz – 300 kHz >55 dB @301 kHz – 20 MHz |
| Tip to Ring Capacitance (POTS Port) | <115 nF |
| Input Impedance (Loading the ADSL Band) | <0.25 dB 30 kHz – 30 MHz |
| Storage and Operating Temperature | -55 to +85 °C |

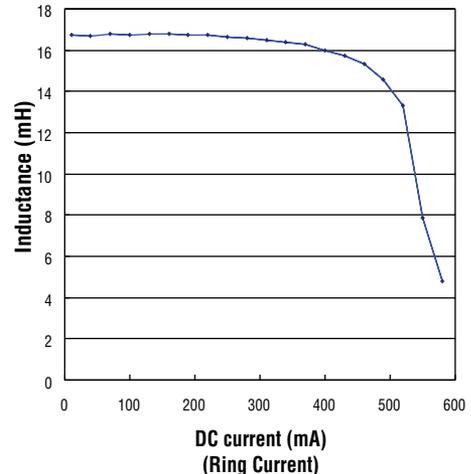
How To Order

Press Mount Part #3611A2

Band Attenuation



Band Attenuation



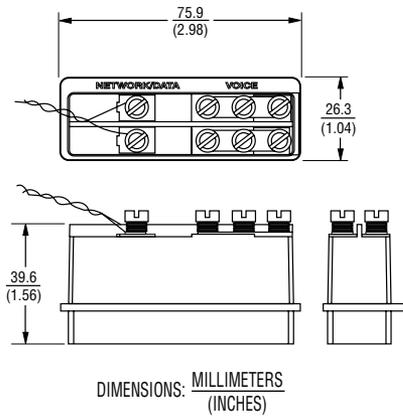
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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 Users should verify actual device performance in their specific applications.
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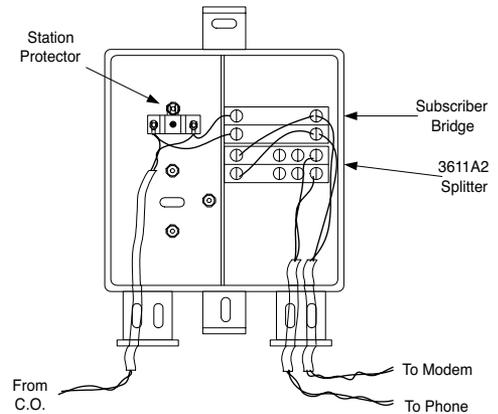
3611A2 Series ADSL2+ / VDSL2 POTS Splitters

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Product Dimensions



Installation Diagram



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Users should verify actual device performance in their specific applications.

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