Bourns 3610A ADSL POTS Splitter is designed to simplify the deployment of Full-Rate or G.Lite ADSL service at the customer’s premises. ANSI T1.413 compliant, the 3610A accepts the incoming ADSL service, filters off the voice (POTS) channels and provides a connection for DSL data services (ADSL modem). In the event of power loss, the passive filter design allows for lifeline POTS service.

Utilizing a footprint similar to Bourns conventional station protectors, the 3610A occupies only a single space in Bourns weather resistant Network Interface Devices (NIDs). Fitted with screw terminals and flying leads, the 3610A can be installed in minutes.

When the 3610A is installed in a NID enclosure and combined with a Bourns Multi-Stage (MSP®) Station Protector, Sealed Switching Jack, and optional IDC expansion bridge, Bourns provides a complete ADSL solutions package at the customer premise.

**Features**

- Safe and reliable service
- Future expandability
- Fast deployment
- Easy field upgrades
- Optimal data rates
- Flexibility
- UL Listed (File: E116756)

3610A – ADSL Full Rate POTS Splitter

Bourns 3610A ADSL POTS Splitter is designed to simplify the deployment of Full-Rate or G.Lite ADSL service at the customer’s premises. ANSI T1.413 compliant, the 3610A accepts the incoming ADSL service, filters off the voice (POTS) channels and provides a connection for DSL data services (ADSL modem). In the event of power loss, the passive filter design allows for lifeline POTS service.

Utilizing a footprint similar to Bourns conventional station protectors, the 3610A occupies only a single space in Bourns weather resistant Network Interface Devices (NIDs). Fitted with screw terminals and flying leads, the 3610A can be installed in minutes.

When the 3610A is installed in a NID enclosure and combined with a Bourns Multi-Stage (MSP®) Station Protector, Sealed Switching Jack, and optional IDC expansion bridge, Bourns provides a complete ADSL solutions package at the customer premise.

**Characteristics**

- DC Loop Current .................................................. 0-100 ma
- DC Loop Voltage .................................................. 0 to -60 V
- DC Resistance ..................................................... ≤25 ohms
- Insertion Loss ....................................................... <1.0 dB (25 kHz - 1.104 MHz)
- Attenuation Distortion (Voice Band) ..................... +/- 0.5 dB
- Delay Distortion (Voice Band) .............................. <200 µs
- Return Loss (Voice Band) ..................................... 6 dB ERL; 5 dB SRL-Low; 3 dB SRL-High
- Longitudinal Balance,
  - Two Port Technique POTS to line port (U-R); Line port to POTS ....... >53 dB @ 0.2 - 1 kHz; >58 dB @ 3 kHz
  - ADSL Band Attenuation ........................................... >65 dB @ 30 kHz-300 kHz; >55 dB @ 300 kHz -1104 kHz
  - Tip to Ring Capacitance (POTS Port) ...................... <100 nf
  - Input Impedance (Loading to the ADSL Band) .............. <0.25 dB 30 kHz - 1.104 MHz

**How To Order**

Part #3610A

**Product Dimensions**

---

 specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.