

Features

- Fast and easy DSL installation
- Insulation Displacement Connectors(IDC)
- Service interoperability and compatibility
- Optimal data rates
- Multiple "Home Run" connections
- UL Listed per 1863

3611-IDC – ADSL Full-Rate POTS Splitter

Bourns® 3611-IDC ADSL POTS Splitter is designed to simplify the deployment of Full-Rate or G.Lite ADSL service at the customer premises. ANSI T1.413 compliant, the 3611-IDC accepts the incoming ADSL service and filters off the voice (POTS) channel 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.

Insulation Displacement Connectors simplify home run connections - no wire stripping required.

The 3611-IDC occupies only a single space in 7600 style Network Interface Devices (NIDs) or the Bourns® 7043 enclosures. Snap-in installation of the filter and IDC allow the 3611-IDC to be installed in minutes.

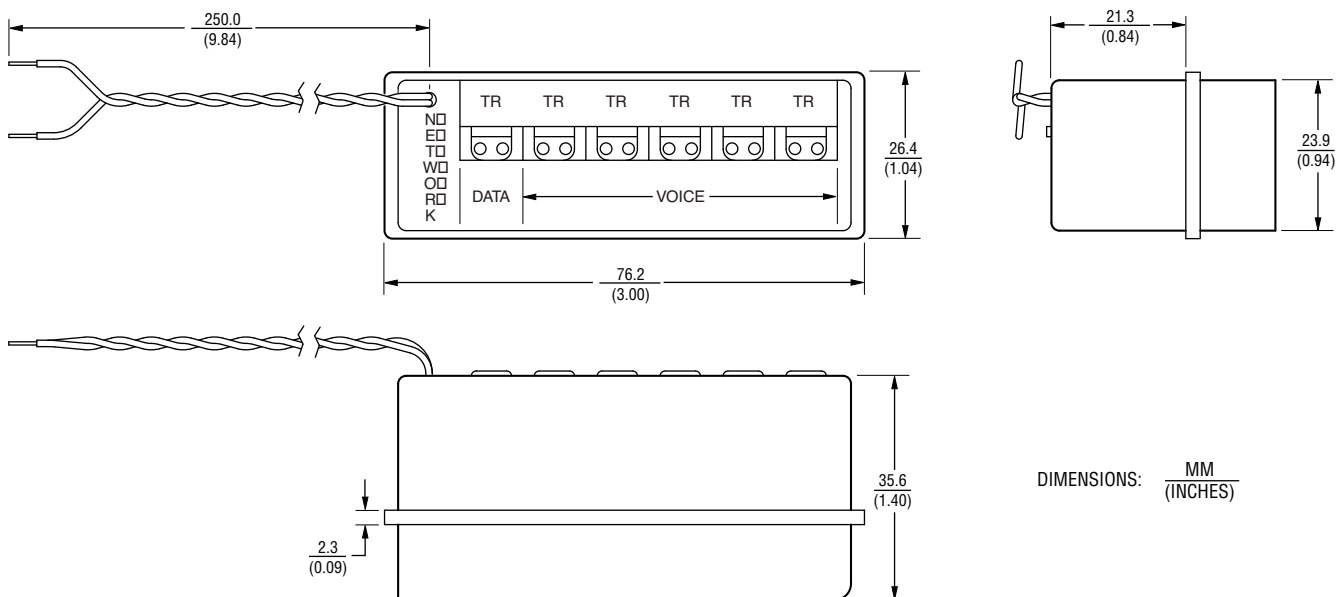
Characteristics

DC Loop Current	0-100 ma
DC Loop Voltage	0 to -60 VDC
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 3.0 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 @ 301 kHz -1.104 MHz
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 #3611-IDC

Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

REV. B 04/15

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.