



ADSL POTS SPLITTER

P/N: AD-2039

- Compatible with all ADSL coding schemes
- Meets ANSI T1.413 Standards
- Compact package, includes connectors for ease of installation
- Customized multi-port line cards available for central office applications

Specifications for Low Pass POTS Filter for ADSL – Operating Temperature -40°C to 85°C

AD2039:LINE port & POTS port impedance	600Ω	Return Loss in passband	20 dB MIN
POTS pass band 200 to 4 k HZ ,ripple	±0.5 dB	POTS loop currents	100 mADC
POTS 3dB cutoff frequency	7KHz	Longitudinal Balance at CP at f = 200 to 1000 Hz	≥ 58 dB
Attenuation at 8KHz	12 dB TYP		
Attenuation at 20KHz	60 dB MIN	Longitudinal Balance at CP at f = 3000 Hz	> 58 dB
Attenuation at 30KHz	72 dB MIN		
Attenuation above 30KHz	72 dB MIN	DC Resistance each line	12.5Ω MAX
Envelope Delay Distortion(0.2 to4.0KHz)	250 μsec MAX	Common Mode Rejection at 40KHz	45 dB MIN
POTS-LINE Insertion Loss against port impedances in the passband (0.2 to4.0KHz)	1.0 db max	Common Mode Rejection at 1.1MHz	25 dB MIN
		Powercross UL1459,600Vrms,Bellcore1089	fail safe

Mechanicals

Schematic

