

ADSL MICRO FILTER
P/N: AD-2063 DATA SHEET



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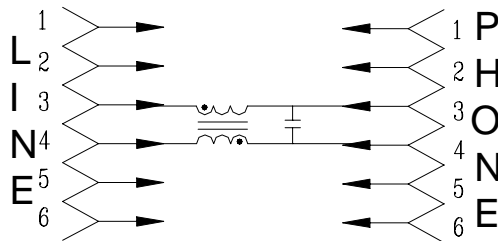
Feature



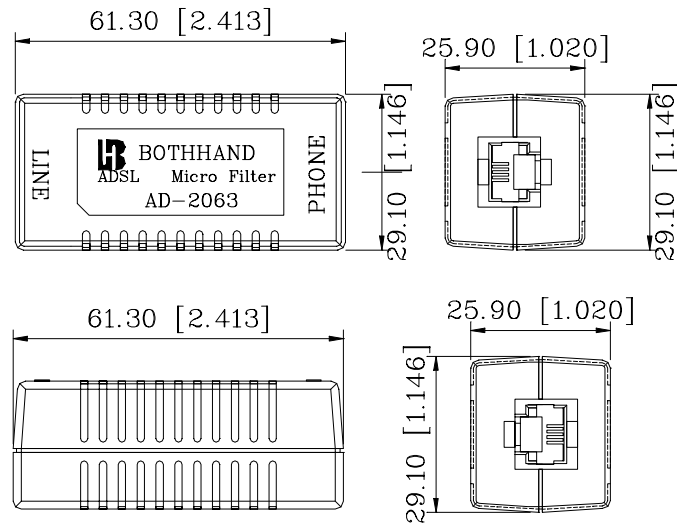
- For applications where both data and voice are transmitted over the same copper pair.
- Compact package, includes RJ-11 connectors for ease of installation.
- Will pass only voice band signals while attenuating the higher ADSL data frequency.
- Operating Temperature: -10°C to +60°C
- Storage Temperature: -25°C to +75°C

Electrical Specifications @ 25°C					
PARAMETER	FREQUENCY	MIN.	NOM.	MAX.	UNITS
POT Insertion Loss 900Ω line Side 600Ω Phone Side	200 Hz			± 1.0	dB
	1000 Hz			± 1.0	
	3400 Hz			± 1.0	
	4000 Hz			± 1.0	
ADSL Insertion Loss 100Ω line Side 600Ω Phone Side	30 KHz	-27			
	100 KHz	-40			
	1100KHz	-60			
CUTOFF FREQUENCY	12 KHz		3		
Return Loss Referenced to ANSI T1.413 ZNL-r, complex impedance	200 Hz ~ 4KHz	ERL > -6			
	200 Hz ~ 4KHz	SRL-L > -5			
	200 Hz ~ 4KHz	SRL-H > -3			
Longitudinal Balance	1000 Hz	-58			
	3000 Hz	-53			
Total DC Resistance				25	Ω

Schematic



Mechanical



Units: mm Tolerances: xx.x0±0.25[0.010]
 0.xx±0.05[0.002]