

ADSL MICROFILTER

P/N: AD-3063 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	-25				
	100 KHz	-40				
	1100KHz	-60				
CUTOFF FREQUENCY	7 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

