

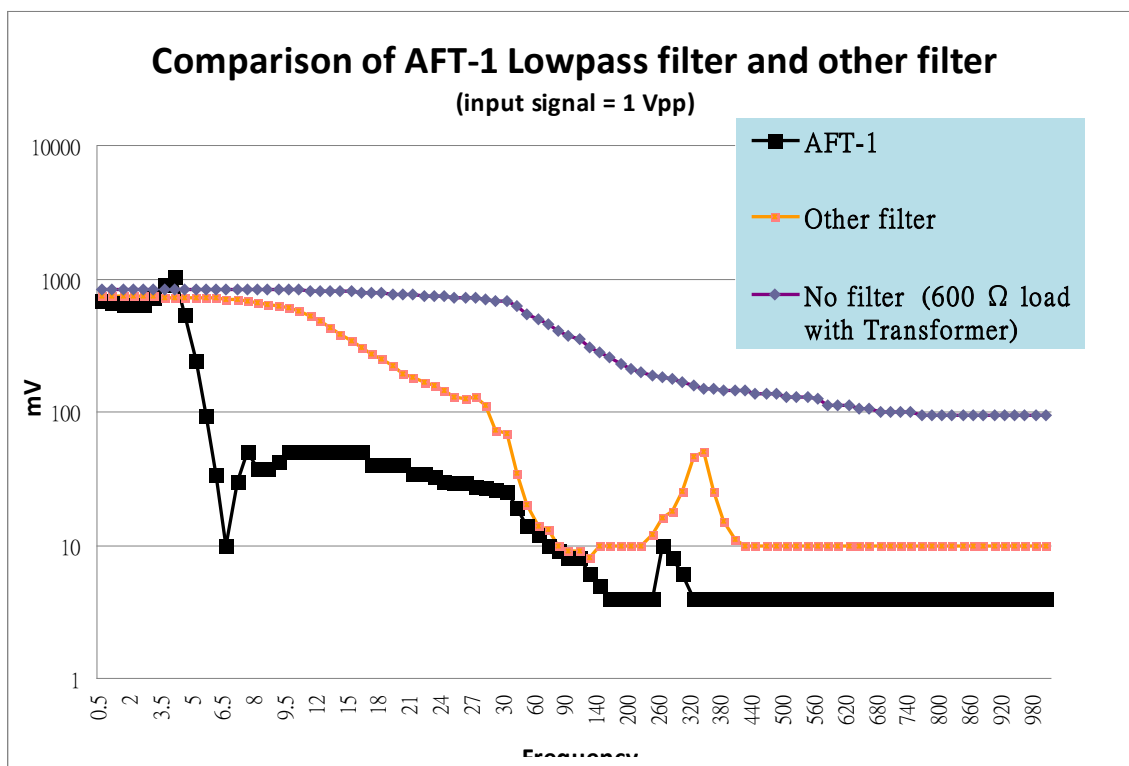
## ADSL Filter AFT-1

### – Proven Outstanding Performance and Reliability

When a POTS telephone line is shared with an ADSL modem, AFT-1 stops the broadband signal/static from interfering with your standard telephone equipments, such as telephones, fax machines, and Pay-TV set-top boxes. The outstanding roll-off frequency response for stopband attenuation (cut-off frequency at 4.5 KHz and stopband edge frequency at 6 KHz) promises AFT-1 to deliver quick and dependable internet connections, and reduced static noise pickup and crystal clear telephone conversations.

#### Features:

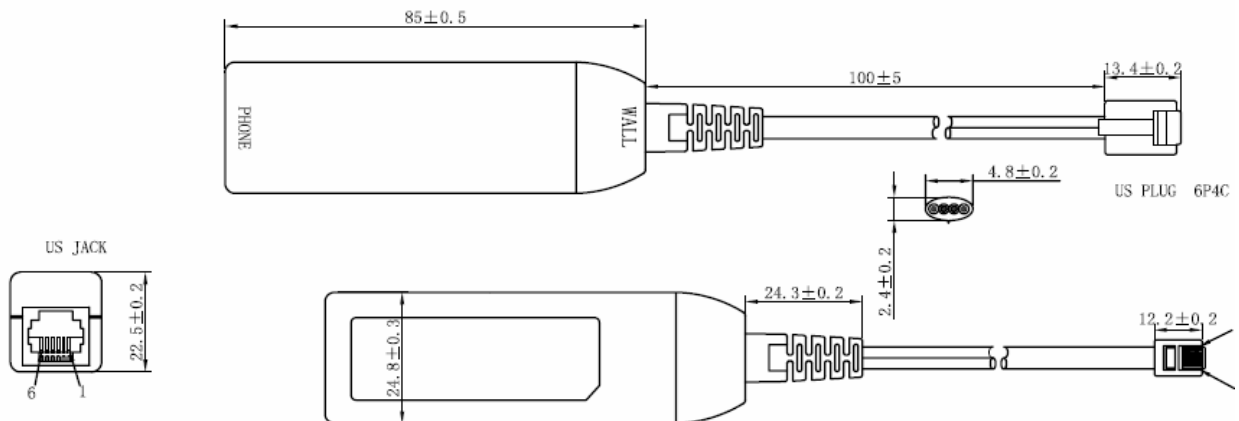
- Coupler with RJ-11 Port
- Easy to install
- Eliminated background noise on telephone line
- Optimizes DSL signal
- Eliminates modem resetting



**Specifications:**

Item	Min.	Std.	Max.	Unit	Note
<b>Frequency range</b>					
Nominal voice band	0.2		4	KHz	
ADSL band	30		1104	KHz	
Cut-off frequency		4.5	5.5	KHz	
Stopband edge frequency		6	8.5	KHz	
Line impedance		600		ohm	
<b>Operation voltage voice band</b>					
Normal signal	10m		10	Vpp	
Ringing signal	113		227	Vpp	
<b>Current in voice band</b>					
Loop current			200	mA	
DC resistance			75	ohm	
<b>Voice band characteristics</b>					
Insertion loss for single filter			2.5	dB	0.2KHz<f<4KHz
Return loss for single filter	20			dB	0.2kHz<f<4KHz
<b>ADSL band characteristics</b>					
Stop band attenuation	20			dB	8KHz<f<30KHz
	30			dB	30KHz<f<200KHz
	40			dB	200KHz<f<1104KHz
Temperature	-20		+85	°C	
Humidity			85	%	

*Insulation resistance, Unbalance above earth (LCL)  
and Delay distortion,*



Measurement unit: mm



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