



ELECTRICAL CHARACTERISTICS :

1. DCR EACH LINE : 14 OHM MAX.
2. 3 dB CUTOFF FREQUENCY : 6.5 KHZ TYP.
3. ATTENUATION DISTORTION : ($@200\text{ HZ} - 3.4\text{ KHZ}$) = $\pm 0.5\text{ dB}$
($@200\text{ HZ} - 4\text{ KHZ}$) = $\pm 1.0\text{ dB}$
4. INSERTION LOSS : ($@1\text{ KHZ}$) = 1 dB MAX.
5. ATTENUATION : ($@20\text{ KHZ}$) = 18 dB TYP.
($@40\text{ KHZ}$) = 30 dB TYP.
6. RETURN LOSS : ($@200\text{ HZ} - 3.4\text{ KHZ}$) = 8 dB MIN.
7. LONGITUDINAL BALANCE : ($@200\text{ HZ} - 1\text{ KHZ}$) = 58 dB MIN.
($@3\text{ KHZ}$) = 53 dB MIN.
8. DELAY DISTORTION : ($@600\text{ HZ} \sim 3.2\text{ KHZ}$) = 200 μSEC MAX.
($@200\text{ HZ} \sim 4\text{ KHZ}$) = 250 μSEC MAX.
9. POTS LOOP CURRENT : 120 mA
10. POTS TIP TO RING DC VOLTAGE : 250 VDC

C	CIRCUIT SCHEMATIC	06/13/2003	RORY	AL	SUEDY	Atech® Atech Technology Co., Ltd. <small>TEL:(02)2794-6667 FAX:(02)2794-8004</small>	TITLE ADSL POTS FILTER
B	ELECTRICAL CHARACTERISTICS	05/10/2001	DOLLY		SUEDY		DWG. NO. ATF016
A	ADD FCC NO.	04/06/2001	PAIR		SUEDY		
	RELEASE	08/15/00	FENG		SUEDY	UNITS: M/M	SAFETY
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	SHEET 1 OF 1
REVISIONS						08/15/00	DRAW <i>Pair</i>