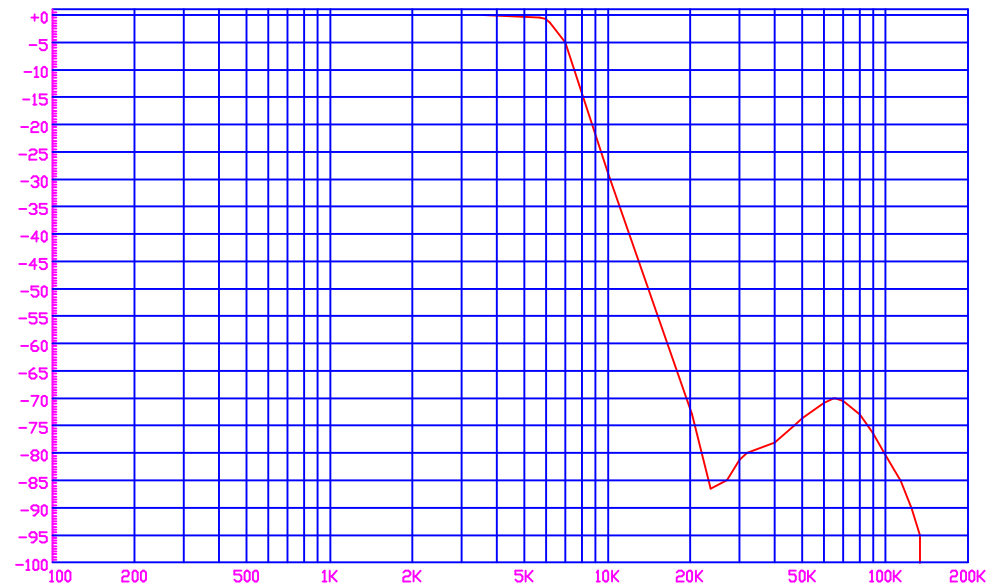
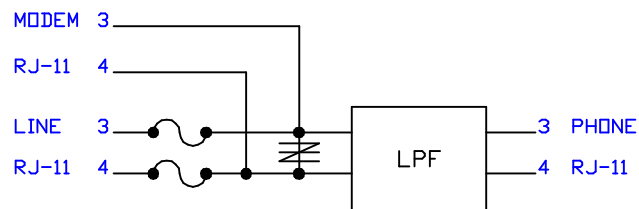
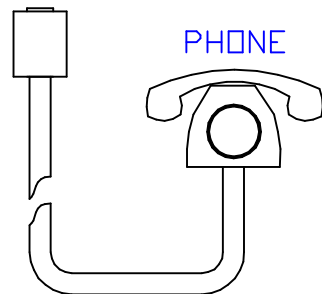
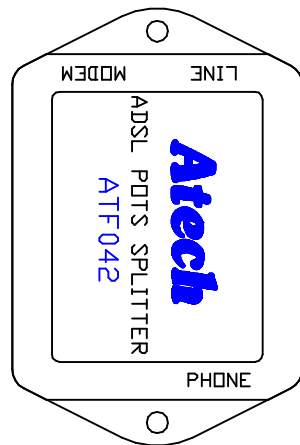
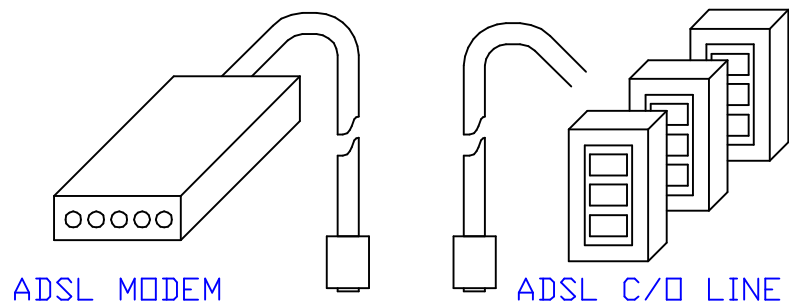


# USER MANUAL



## ELECTRICAL CHARACTERISTICS : MEET ITU-T G.992.1

1. FOR COMPLEX IMPEDANCE : 220 OHM + (820 OHM // 115nF)
2. DCR EACH LINE : 50 OHM MAX.
3. INSERTION LOSS (@300HZ~3.4KHZ) : 1dB~3.5dB MAX. LINEAR REDUCTION
4. FREQ. PULSE METERING INSERTION LOSS (@12/16KHZ) : 3dB MAX.
5. RETURN LOSS LINE PORT (@300HZ~1KHZ) : 15dB MIN.  
 (@1KHZ~3.4KHZ) : 15dB~8dB LINEAR REDUCTION  
 POTS PORT (@300HZ~1KHZ) : 15dB MIN.  
 (@1KHZ~3.4KHZ) : 15dB~8dB LINEAR REDUCTION  
 (@3.4KHZ~10KHZ) : 8dB MIN.
6. LONGITUDINAL BALANCE (@15HZ~50HZ) : 40dB MIN.  
 (@50HZ~600HZ) : 46dB MIN.  
 (@600HZ~3.4KHZ) : 52dB MIN.
7. DELAY DISTORTION (@200HZ~4KHZ) : 200uSEC MAX.
8. ATTENUATION (@30KHZ~100KHZ) : 18dB MIN.  
 (@100KHZ~300KHZ) : 30dB MIN.  
 (@300KHZ~1.1MHZ) : 40dB MIN.
9. ISOLATION (@T-R) : 10M OHM MIN.  
 (@T-G, R-G) : 10M OHM MIN.
10. LOOP CURRENT : 100mA

## INSTALLATION :

1. CONNECT THE PLUG OF PHONE (RJ-11) TO THE PHONE SIDE OF ATF042
2. CONNECT THE PLUG OF LINE (RJ-11) TO THE LINE SIDE OF ATF042
3. CONNECT THE PLUG OF ADSL MODEM (RJ-11) TO THE MODEM SIDE OF ATF042