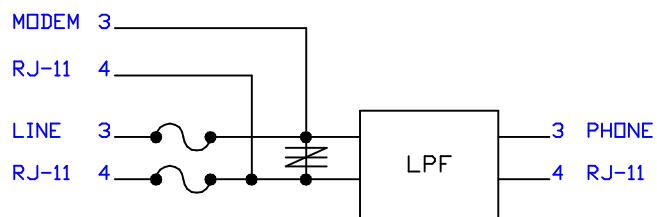
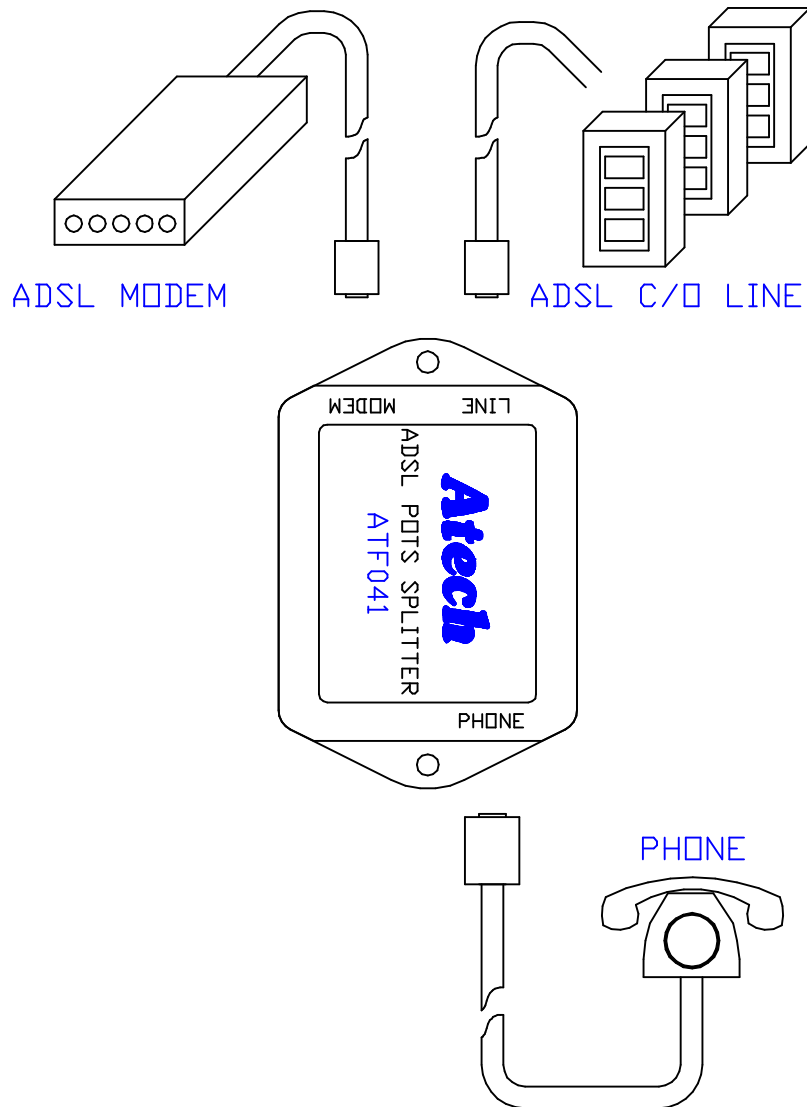


USER MANUAL



ELECTRICAL CHARACTERISTICS : MEET ITU-T G.992.1

1. FOR COMPLEX IMPEDANCE : $320 \Omega + (1050 \Omega // 230nF)$
2. DCR EACH LINE : 25Ω MAX.
3. INSERTION LOSS (@1KHZ) : $1dB$ MAX.
4. INSERTION LOSS DISTORTION (@200HZ-4KHZ) : $\pm 1dB$
5. FREQ. PULSE METERING INSERTION LOSS (@12/16KHZ) : $3dB$ MAX.
6. RETURN LOSS (@300HZ-500HZ) : $14dB$ MIN.
 (@500HZ-2KHZ) : $18dB$ MIN.
 (@2KHZ-3.4KHZ) : $14dB$ MIN.
7. LONGITUDINAL BALANCE (@15HZ-50HZ) : $40dB$ MIN.
 (@50HZ-600HZ) : $46dB$ MIN.
 (@600HZ-3.4KHZ) : $52dB$ MIN.
8. DELAY DISTORTION (@200HZ-4KHZ) : $200\mu SEC$ MAX.
9. ATTENUATION (@32KHZ-1.1MHZ) : $55dB$ MIN.
10. ISOLATION (@T-R) : $1M \Omega$ MIN.
 (@T-G, R-G) : $10M \Omega$ MIN.
11. LOOP CURRENT : $100mA$

INSTALLATION

1. CONNECT THE PLUG OF PHONE (RJ-11) TO THE PHONE SIDE OF ATF041
2. CONNECT THE PLUG OF ADSL C/O LINE (RJ-11) TO THE LINE SIDE OF ATF041
3. CONNECT THE PLUG OF ADSL MODEM (RJ-11) TO THE MODEM SIDE OF ATF041