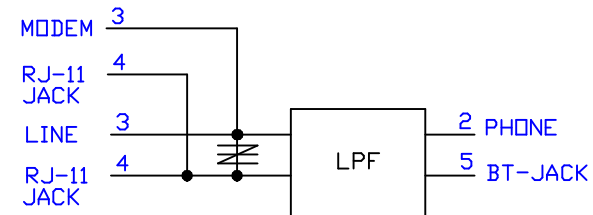
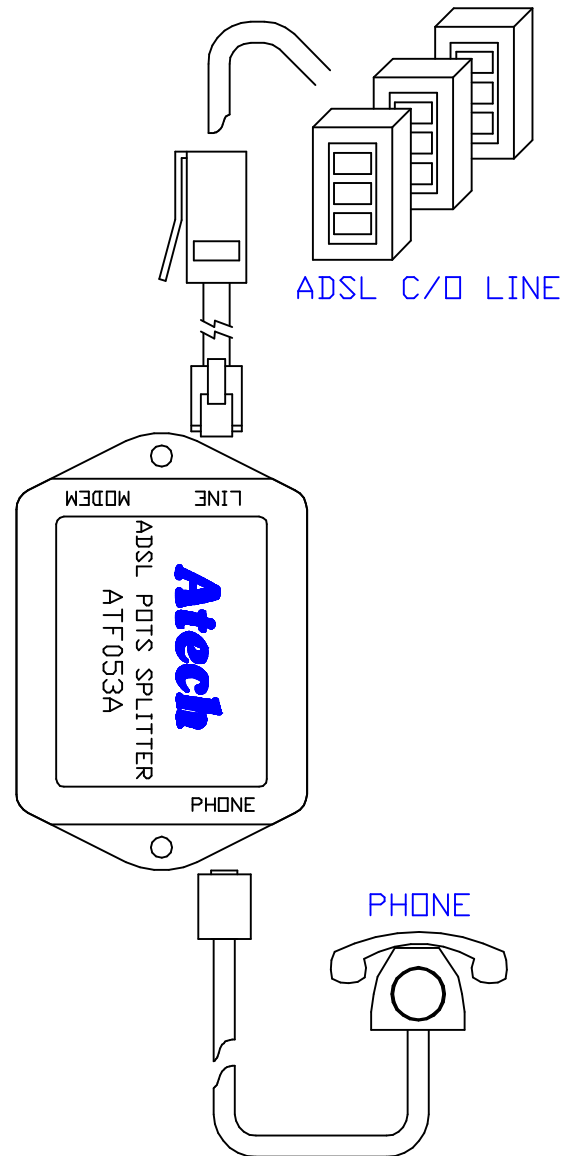


ATF053A USER MANUAL



ELECTRICAL CHARACTERISTICS : MEET ITU-T G.992.1

1. FOR COMPLEX IMPEDANCE : $270 \Omega + (750 \Omega // 150 \text{ nF})$ & $820 \Omega + (600 \Omega // 68 \text{ nF})$
2. DCR EACH LINE : 25 Ω MAX.
3. INSERTION LOSS (@1KHZ) : 1dB MAX.
4. INSERTION LOSS DISTORTION (@200HZ-4KHZ) : ± 1 dB
5. FREQ. PULSE METERING INSERTION LOSS (@12/16KHZ) : 3dB MAX.
6. RETURN LOSS LINE&PHONE PORT (@300HZ-3.4KHZ) : 12dB MIN.
(@3.4KHZ-4KHZ) : 8dB MIN.
7. LONGITUDINAL BALANCE (@15HZ-50HZ) : 40dB MIN.
(@50HZ-600HZ) : 46dB MIN.
(@600HZ-3.4KHZ) : 52dB MIN.
8. DELAY DISTORTION (@200HZ-4KHZ) : 200 μ SEC MAX.
9. ATTENUATION (@32KHZ-1.1MHZ) : 45dB MIN.
10. ISOLATION (@T-R) : 1M Ω MIN.
(@T-G, R-G) : 10M Ω MIN.
11. LOOP CURRENT : 100mA

INSTALLATION :

1. CONNECT THE PLUG OF PHONE (RJ-11) TO THE PHONE SIDE OF ATF053A
2. CONNECT THE PLUG OF LINE (RJ-11) TO THE LINE SIDE OF ATF053A