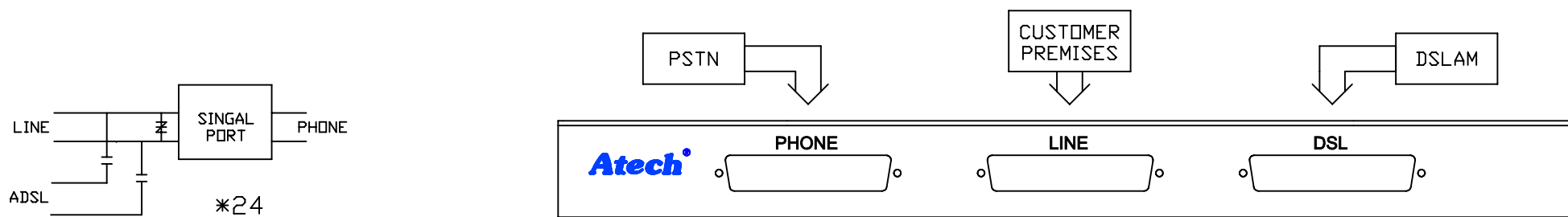


ATF080A USER MANUAL



ELECTRICAL CHARACTERISTICS : MEET ITU-T G.992.1

1. DCR EACH LINE : 10 OHM MAX.
2. INSERTION LOSS (@1KHZ) : 0.3dB MAX.
3. INSERTION LOSS DISTORTION (@200HZ-4KHZ) : ± 1 dB
4. RETURN LOSS (@300HZ-500HZ) : 14dB MIN.
(@500HZ-2KHZ) : 18dB MIN.
(@2KHZ-3.4KHZ) : 14dB MIN.
5. LONGITUDINAL BALANCE (@15HZ-50HZ) : 40dB MIN.
(@50HZ-600HZ) : 46dB MIN.
(@600HZ-3.4KHZ) : 52dB MIN.
6. DELAY DISTORTION (@200HZ-4KHZ) : 200uSEC MAX.
7. ATTENUATION (@32KHZ-300KHZ) : 65dB MIN.
(@300KHZ-1.1MHZ) : 55dB MIN.
8. ISOLATION (@T-R) : 1M OHM MIN.
(@T-G, R-G) : 10M OHM MIN.
9. POTS LOOP CURRENTS : 120mA
10. POTS TIP TO RING DC VOLTAGE : 0-200V
11. POTS RINGING SIGNAL FROM 15.3HZ TO 68HZ : 150 Vrms

INSTALLATION :

1. CONNECT THE PHONE RJ-21<TELCO> CABLE TO PSTN SIDE.
2. CONNECT THE LINE RJ-21<TELCO> CABLE TO CUSTOMER PREMISES.
3. CONNECT THE ADSL RJ-21<TELCO> CABLE TO DSLAM.

PHONE				LINE				ADSL			
PIN		PIN		PIN		PIN		PIN		PIN	
1	PHONE-T1	26	PHONE-R1	1	LINE-T1	26	LINE-R1	1	ADSL-T1	26	ADSL-R1
2	PHONE-T2	27	PHONE-R2	2	LINE-T2	27	LINE-R2	2	ADSL-T2	27	ADSL-R2
3	PHONE-T3	28	PHONE-R3	3	LINE-T3	28	LINE-R3	3	ADSL-T3	28	ADSL-R3
4	PHONE-T4	29	PHONE-R4	4	LINE-T4	29	LINE-R4	4	ADSL-T4	29	ADSL-R4
5	PHONE-T5	30	PHONE-R5	5	LINE-T5	30	LINE-R5	5	ADSL-T5	30	ADSL-R5
6	PHONE-T6	31	PHONE-R6	6	LINE-T6	31	LINE-R6	6	ADSL-T6	31	ADSL-R6
7	PHONE-T7	32	PHONE-R7	7	LINE-T7	32	LINE-R7	7	ADSL-T7	32	ADSL-R7
8	PHONE-T8	33	PHONE-R8	8	LINE-T8	33	LINE-R8	8	ADSL-T8	33	ADSL-R8
9	PHONE-T9	34	PHONE-R9	9	LINE-T9	34	LINE-R9	9	ADSL-T9	34	ADSL-R9
10	PHONE-T10	35	PHONE-R10	10	LINE-T10	35	LINE-R10	10	ADSL-T10	35	ADSL-R10
11	PHONE-T11	36	PHONE-R11	11	LINE-T11	36	LINE-R11	11	ADSL-T11	36	ADSL-R11
12	PHONE-T12	37	PHONE-R12	12	LINE-T12	37	LINE-R12	12	ADSL-T12	37	ADSL-R12
13	PHONE-T13	38	PHONE-R13	13	LINE-T13	38	LINE-R13	13	ADSL-T13	38	ADSL-R13
14	PHONE-T14	39	PHONE-R14	14	LINE-T14	39	LINE-R14	14	ADSL-T14	39	ADSL-R14
15	PHONE-T15	40	PHONE-R15	15	LINE-T15	40	LINE-R15	15	ADSL-T15	40	ADSL-R15
16	PHONE-T16	41	PHONE-R16	16	LINE-T16	41	LINE-R16	16	ADSL-T16	41	ADSL-R16
17	PHONE-T17	42	PHONE-R17	17	LINE-T17	42	LINE-R17	17	ADSL-T17	42	ADSL-R17
18	PHONE-T18	43	PHONE-R18	18	LINE-T18	43	LINE-R18	18	ADSL-T18	43	ADSL-R18
19	PHONE-T19	44	PHONE-R19	19	LINE-T19	44	LINE-R19	19	ADSL-T19	44	ADSL-R19
20	PHONE-T20	45	PHONE-R20	20	LINE-T20	45	LINE-R20	20	ADSL-T20	45	ADSL-R20
21	PHONE-T21	46	PHONE-R21	21	LINE-T21	46	LINE-R21	21	ADSL-T21	46	ADSL-R21
22	PHONE-T22	47	PHONE-R22	22	LINE-T22	47	LINE-R22	22	ADSL-T22	47	ADSL-R22
23	PHONE-T23	48	PHONE-R23	23	LINE-T23	48	LINE-R23	23	ADSL-T23	48	ADSL-R23
24	PHONE-T24	49	PHONE-R24	24	LINE-T24	49	LINE-R24	24	ADSL-T24	49	ADSL-R24
25	GND	50	GND	25	GND	50	GND	25	GND	50	GND