



AMPLIFIERS 500 kHz to 3 GHz

Broadband, Linear, 50 Ω (Hen



MODEL PREFIX	FREQUENCY (MHz) f_L - f_U	GAIN (dB)		MAXIMUM POWER (dBm)		NOISE FIGURE (dB) Typ.	IP3 (dBm) Typ.	VSWR Typ. (:1)		ACTIVE DIRECTIVITY (dB) Typ. Midband	DC OPERATING POWER	
		Min.	Max.	Output (1 dB Comp)	Input (no damage)			In	Out		VOLT (V)	CURRENT (mA) Max.

LOW POWER up to +12 dBm output NF from 1.2 dB

MAN-1	0.5-500	28	±1.4	+8	+15	4.5	+18	1.8	1.8	11	12	60
MAN-1LN	0.5-500	28	±1.4	+7	+15	3.0	+18	1.8	1.8	10	12	60
AMP-75	5-500	19	±1.0	+12	+13	2.4	+28	2.0	2.0	2	15	31
MAN-1AD	5-500	16	±1.0	+7	+15	7.2	+20	1.6	1.7	31	12	85
MAN-2	0.5-1000	18	±1.5	+9	+15	6.0	+19	1.8	1.8	16	12	85
MAN-2AD	2-1000	9	±0.7	-2	+10	6.5	+14	2.0	2.0	20	15	22
AMP-15	5-1000	13	±1.2	+8	+13	2.8	+22	2.0	2.0	5	15	29
TO-0812LN	800-1200	20	±1.0	+8	+10	1.2	+22.5	2.5	2.5	21	15	70
TO-1217LN	1200-170	20	±1.0	+10	+13	1.6	+25	2.5	2.5	11	15	70
MAN-11AD	2-2000	8	±1.5	-2	+10	6.5	+14	3.0	2.0	16	15	22
TO-1724LN	1700-2400	20	±1.0	+10	+13	1.6	+22	2.5	2.5	15	15	70
AMP-3G	30-3000	8	±0.75	+9.5	+13	3.5	+20	2.6	2.5	9	15	55

MEDIUM POWER up to +16 dBm output NF from 3.0 dB

AMP-76	5-500	26	±1.0	+13.5	+6	3.1	+28	2.0	2.0	9	15	71
AMP-77	5-500	15	±1.0	+16	+13	3.3	+32	2.0	2.0	2	15	56
MAN-1HLN	10-500	10	±0.8	+15	+15	3.7	+30	1.8	1.8	4	12	70
AMP-2000	10-2000	20	±1.5	+15	+5	5.0	+25	2.0	2.0	15	15	100
AMP-25G	10-2500	15	±1.6	+12.5	+13	3.0	+26	1.6	1.2	7	15	55

