

Low Noise Amplifier

MAN-1LN

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB)			DIRECTIVITY (dB)			VSWR IN (:1)	VSWR OUT (:1)	NOISE FIGURE (dB)	Pout at 1dB Comp. (dBm)
	11V	12V	12.5V	11V	12V	12.5V	12V	12V		
0.5	29.88	31.30	31.73	13.20	12.90	12.60	1.35	1.67		8.01
1.9	30.44	31.89	32.32	12.50	12.10	11.60	1.13	1.18		8.42
11.4	30.58	32.02	32.45	12.50	11.70	11.40	1.04	1.05	2.82	8.32
68.3	30.71	32.13	32.54	12.70	11.50	11.50	1.07	1.05	2.91	8.54
192.6	30.89	32.27	32.66	12.20	11.00	11.10	1.18	1.12	2.81	8.47
243.8	30.93	32.30	32.69	11.60	10.40	10.90	1.24	1.15	2.84	8.45
307.9	30.94	32.29	32.68	11.30	10.40	10.30	1.31	1.23	2.88	8.50
371.9	30.90	32.20	32.58	11.10	9.90	10.30	1.39	1.30	2.95	8.45
436.0	30.82	32.07	32.42	10.40	10.20	9.80	1.45	1.31	3.01	8.49
500.0	30.63	31.80	32.12	9.30	7.80	7.30	1.50	1.46	3.08	8.52

REV. X1
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