

# Low Noise Amplifier

# MAN-1HLN+

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB)			DIRECTIVITY (dB)			VSWR IN (:1) 12V	VSWR OUT (:1) 12V	NOISE FIGURE (dB) 12V	Pout at 1dB Comp. (dBm) 12V
	11V	12V	12.5V	11V	12V	12.5V				
10.0	12.42	12.46	12.48	4.20	4.20	4.20	1.41	1.20	3.91	17.02
19.3	12.29	12.37	12.39	4.20	4.30	4.20	1.25	1.12	3.87	17.33
46.5	12.28	12.35	12.36	4.10	4.10	4.10	1.19	1.08	3.86	17.41
111.8	12.16	12.22	12.23	4.20	4.30	4.30	1.17	1.12	4.07	17.42
198.5	12.13	12.19	12.20	4.20	4.20	4.20	1.17	1.09	4.14	17.29
248.7	12.01	12.06	12.06	4.30	4.40	4.40	1.17	1.14	3.93	17.27
311.5	11.88	11.90	11.91	4.30	4.40	4.30	1.16	1.20	3.97	17.23
374.4	11.68	11.71	11.73	4.40	4.40	4.60	1.18	1.16	4.03	17.29
437.2	11.53	11.57	11.58	4.50	4.50	4.50	1.17	1.28	4.07	17.35
500.0	11.27	11.29	11.32	4.80	4.80	4.70	1.19	1.23	4.13	17.38

REV. X1  
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060912  
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