

Low Noise Amplifier

ZFL-500HLN+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB)			DIRECTIVITY (dB)			VSWR IN (:1) 15V	VSWR OUT (:1) 15V	NOISE FIGURE (dB) 15V	Pout at 1dB Comp. (dBm) 15V
	12V	15V	16V	12V	15V	16V				
10.0	20.50	20.97	21.05	16.70	16.20	16.30	1.24	1.17	3.83	16.78
19.3	20.37	20.82	20.92	17.10	17.00	16.00	1.12	1.13	3.84	17.09
46.5	20.21	20.68	20.76	17.50	15.30	15.90	1.05	1.11	3.83	17.14
111.8	20.31	20.78	20.87	16.20	15.20	16.50	1.02	1.11	3.89	17.19
198.5	20.22	20.66	20.77	15.60	16.20	15.30	1.02	1.06	3.88	17.17
248.7	20.35	20.82	20.90	15.80	15.10	14.90	1.04	1.07	3.92	17.13
311.5	20.22	20.69	20.77	15.80	15.20	15.00	1.07	1.06	3.95	16.97
374.4	20.46	20.96	21.03	14.30	15.10	14.20	1.10	1.10	3.96	16.95
437.2	20.32	20.79	20.90	14.20	13.90	13.60	1.13	1.17	3.97	16.91
500.0	20.36	20.87	20.96	13.80	13.20	12.30	1.17	1.25	3.97	16.91

REV. X1
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