

# Low Noise Amplifier

# ZFL-500LN

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB)			DIRECTIVITY (dB)			VSWR IN (:1)	VSWR OUT (:1)	NOISE FIGURE (dB)	Pout at 1dB Comp. (dBm)
	12V	15V	16V	12V	15V	16V	15V	15V	15V	15V
0.1	24.30	27.80	28.40	34.40	27.80	30.80	1.22	1.17		7.74
0.6	24.41	27.98	28.60	30.00	28.80	28.40	1.05	1.10		7.97
5.4	24.37	27.94	28.56	29.00	26.50	25.50	1.03	1.10		8.09
53.3	24.49	28.15	28.75	26.90	27.20	26.40	1.09	1.08	2.89	7.94
192.4	24.65	28.21	28.89	26.20	26.90	26.50	1.17	1.10	3.03	7.72
243.6	24.66	28.12	28.81	29.60	25.70	25.50	1.19	1.13	3.04	7.77
307.7	24.73	28.10	28.75	27.20	24.40	25.00	1.21	1.21	3.03	7.82
371.8	24.83	28.11	28.74	26.80	25.20	25.10	1.23	1.28	3.00	7.89
435.9	24.88	28.09	28.68	27.20	23.50	23.30	1.25	1.36	2.98	7.88
500.0	24.79	27.89	28.44	26.50	28.30	24.60	1.26	1.45	2.98	8.01