

High Power Amplifier

LZY-22+

Typical Performance Data

FREQ. (MHz)	GAIN (dB) 24V	DIRECTIVITY (dB) 24V	VSWR (:1)		NOISE FIGURE (dB) 24V	POUT @ 1 dB COMPRESSION (dBm) 24V	OUTPUT IP3 (dBm) 24V
			IN 24V	OUT 24V			
0.1	45.61	22.22	1.26	3.36	--	41.93	53.37
0.7	45.30	21.72	1.20	3.72	--	42.38	55.84
1.0	45.34	21.74	1.21	3.72	--	42.45	55.89
2.0	45.28	22.68	1.20	3.71	--	42.47	55.96
5.0	45.06	25.54	1.20	3.75	--	42.55	56.00
10.0	44.81	23.79	1.21	3.80	8.78	42.36	56.03
30.0	44.37	24.74	1.33	3.58	8.31	43.21	55.23
50.0	43.78	25.79	1.38	3.05	8.07	43.25	53.09
70.0	44.40	24.81	1.37	1.91	8.26	42.41	51.20
90.0	44.59	24.14	1.31	1.22	8.33	41.60	50.17
100.0	44.73	24.08	1.28	1.05	8.31	41.98	50.22
120.0	44.36	25.25	1.22	1.56	8.18	43.38	51.61
160.0	44.20	26.43	1.07	1.81	8.18	43.96	52.27
180.0	44.32	26.07	1.08	1.55	8.27	42.83	51.66
200.0	43.86	28.10	1.10	1.33	8.30	41.39	50.36

