

# High Power Amplifier

# LZY-1+

## Typical Performance Data

FREQ. (MHz)	GAIN			DIRECTIVITY			VSWR (:1)		NOISE FIGURE (dB) 26V	POUT @ 1 dB COMPRESSION (dBm) 26V	OUTPUT IP3 (dBm) 26V
	(dB)			(dB)			IN	OUT			
	23V	26V	27V	23V	26V	27V					
20.00	42.69	42.30	42.12	33.65	36.64	34.17	1.15	1.45	13.23	44.78	60.58
45.00	43.29	42.92	42.78	31.94	33.45	29.84	1.12	1.39	12.31	45.02	61.81
70.00	43.82	43.50	43.37	27.91	30.88	29.74	1.12	1.61	11.91	45.49	61.65
95.00	44.15	43.87	43.75	31.98	30.15	30.10	1.12	1.99	11.77	45.90	61.95
120.00	44.16	43.93	43.82	36.31	29.84	30.95	1.12	2.40	11.70	46.29	62.41
145.00	44.02	43.85	43.77	32.27	28.09	31.09	1.13	2.76	11.71	46.51	61.57
170.00	43.75	43.64	43.57	33.92	32.23	32.62	1.16	2.88	11.59	46.61	61.22
195.00	43.42	43.36	43.31	32.19	33.23	29.97	1.18	2.75	11.66	46.62	61.05
220.00	43.16	43.14	43.12	33.85	33.29	32.59	1.21	2.47	11.70	46.60	60.69
245.00	43.05	43.07	43.05	34.55	35.67	33.31	1.22	2.10	11.69	46.66	60.38
270.00	43.07	43.13	43.13	36.21	34.35	34.93	1.21	1.75	11.70	46.55	59.54
295.00	43.24	43.34	43.33	36.24	36.72	33.37	1.18	1.50	11.79	46.33	59.08
320.00	43.52	43.65	43.65	34.40	33.59	34.78	1.14	1.40	11.71	46.03	58.59
345.00	43.81	43.99	44.00	34.53	29.34	34.60	1.11	1.53	11.82	45.83	58.57
370.00	44.08	44.32	44.35	37.31	31.83	35.08	1.12	1.87	11.83	45.70	58.52
395.00	44.30	44.60	44.64	30.95	32.70	32.90	1.18	2.30	11.70	45.75	58.15
420.00	44.38	44.76	44.82	31.13	31.58	31.80	1.23	2.81	11.75	45.80	57.71
445.00	44.38	44.80	44.87	30.45	34.02	29.49	1.26	3.20	11.83	46.03	57.95
470.00	44.26	44.71	44.80	30.34	27.94	31.51	1.26	3.40	11.79	46.03	58.42
512.00	43.62	44.02	44.10	32.60	32.41	32.81	1.19	2.90	11.75	45.97	58.68



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



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