

High Power Amplifier

ZHL-ED12238/35

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 24V	DIRECTIVITY (dB) 24V	VSWR IN (:1) 24V	VSWR OUT (:1) 24V	NOISE FIGURE (dB) 24V	Pout at 1dB Comp. (dBm) 24V	Output IP3 (dBm) 24V
50.0	50.95	19.96	1.70	1.29	4.2	47.75	56.86
60.0	51.16	20.98	1.67	1.45	4.05	47.91	56.91
70.0	51.29	20.24	1.66	1.43	3.91	47.79	57.47
80.0	51.21	20.00	1.66	1.48	3.88	47.38	57.62
90.0	51.31	21.16	1.63	1.35	3.74	47.64	57.96
100.0	51.49	20.95	1.61	1.35	3.72	48.16	58.09
120.0	51.48	18.47	1.59	1.44	3.63	48.30	58.55
140.0	51.35	20.47	1.58	1.54	3.55	48.01	58.98
180.0	50.91	17.81	1.53	1.48	3.48	48.40	57.84
200.0	50.50	21.37	1.47	1.47	3.43	48.33	56.76
220.0	50.16	21.89	1.43	1.55	3.45	47.98	55.23
260.0	49.52	21.96	1.40	1.47	3.48	47.00	54.98
280.0	49.41	26.60	1.30	1.31	3.55	46.64	54.77
300.0	49.30	27.07	1.22	1.38	3.67	46.97	54.59
320.0	49.17	27.29	1.19	1.69	3.79	46.86	54.59
360.0	49.33	29.37	1.13	2.03	3.84	46.11	54.58
380.0	49.81	30.28	1.14	2.55	3.83	45.79	54.44
400.0	50.09	25.88	1.22	2.85	3.82	45.91	54.39
420.0	50.54	31.38	1.26	3.06	3.75	45.95	54.28
460.0	50.79	27.85	1.38	3.25	3.73	45.72	54.10
480.0	50.55	32.67	1.48	3.35	3.86	45.31	54.15
500.0	49.77	27.81	1.52	3.41	3.99	44.99	54.19