

High Power Amplifier

ZHL-100W-251+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 24V	DIRECTIVITY (dB) 24V	VSWR (:1)		NOISE FIGURE (dB) 24V	POUT @ 1 dB COMPRESSION (dBm) 24V	POUT @ 3 dB COMPRESSION (dBm) 24V	OUTPUT IP3 (dBm) 24V
			IN 24V	OUT 24V				
50	46.13	38.15	1.77	3.33	4.30	48.70	49.67	58.64
60	46.18	34.60	1.73	3.13	4.16	48.86	49.69	59.38
70	46.23	35.54	1.68	2.94	4.11	48.72	49.76	58.49
80	46.26	30.87	1.66	2.90	4.06	49.33	49.95	58.30
90	46.19	33.10	1.63	2.92	3.99	49.44	50.06	59.12
100	46.23	30.39	1.59	2.81	3.92	49.58	50.20	58.60
110	46.37	36.92	1.56	2.65	3.90	49.59	50.28	58.59
120	46.51	32.47	1.53	2.56	3.89	49.72	50.34	59.43
130	46.48	37.47	1.49	2.54	3.89	49.62	50.39	59.10
140	46.34	21.97	1.49	2.47	3.87	49.79	50.41	58.98
150	46.21	49.10	1.46	2.36	3.90	49.63	50.37	59.67
160	46.18	32.26	1.44	2.28	3.89	49.52	50.38	58.86
170	46.23	34.56	1.43	2.26	3.86	49.46	50.29	58.90
180	46.17	33.43	1.42	2.25	3.87	49.39	50.26	59.29
190	46.02	39.11	1.41	2.20	3.85	49.15	50.17	58.44
200	45.83	35.01	1.41	2.15	3.94	48.88	50.07	58.68
210	45.72	40.28	1.39	2.14	3.95	48.49	49.98	58.85
220	45.64	33.19	1.40	2.18	4.00	48.14	49.89	58.05
230	45.65	32.57	1.38	2.23	4.01	48.09	49.80	58.72
240	45.57	27.67	1.39	2.25	4.05	47.85	49.73	58.32
250	45.46	52.92	1.38	2.27	4.04	47.63	49.63	58.14