

High Power Amplifier

ZHL-10W-202-S+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 28V	DIRECTIVITY (dB) 28V	VSWR (:1)		NOISE FIGURE (dB) 28V	Pout @ 3 dB COMPRESSION (dBm) 28V	Pout @ SATURATION (dBm) 28V	OUTPUT IP3 (dBm) 28V
			IN 28V	OUT 28V				
10	51.5	34.4	1.11	3.14	10.90	39.67	40.46	44.92
20	49.3	42.6	1.12	2.96	10.51	39.79	40.27	45.38
30	48.8	40.8	1.13	2.87	10.43	39.89	40.39	45.66
40	49.3	35.6	1.13	2.90	10.36	40.15	40.78	46.10
50	49.8	46.6	1.13	2.98	10.35	40.41	41.12	46.38
60	50.2	45.9	1.13	3.08	10.34	40.56	41.38	46.42
70	50.5	52.3	1.13	3.15	10.32	40.60	41.50	46.28
80	50.6	53.4	1.13	3.20	10.32	40.57	41.55	46.22
90	50.7	43.2	1.13	3.17	10.30	40.56	41.59	46.00
100	50.6	52.6	1.13	3.16	10.29	40.55	41.62	45.96
200	51.0	56.7	1.10	3.16	10.11	40.51	41.67	46.14
300	50.7	50.6	1.07	3.21	10.09	40.81	41.91	46.63
400	50.3	41.3	1.03	3.25	10.02	40.78	42.34	46.90
500	51.1	52.3	1.02	3.31	10.07	40.93	42.25	47.06
600	51.4	47.4	1.04	3.48	10.06	41.39	42.71	47.53
700	51.0	47.7	1.03	3.23	10.06	41.14	42.21	46.70
800	50.1	57.1	1.05	2.93	10.12	41.27	42.41	47.43
900	49.3	64.0	1.07	2.57	10.03	40.95	42.03	49.41
1000	49.5	46.1	1.07	2.26	10.12	40.15	42.12	48.69
1100	50.3	59.9	1.06	1.98	10.10	40.27	41.54	48.86
1200	50.4	63.2	1.07	1.72	10.08	41.22	41.77	49.66
1300	50.6	64.4	1.07	1.50	10.18	41.25	42.09	49.89
1400	51.2	57.3	1.10	1.37	10.17	41.88	42.59	50.32
1500	51.3	48.9	1.15	1.39	10.15	42.32	42.83	49.83
1600	50.3	54.0	1.16	1.52	10.28	41.67	42.60	49.18
1700	49.5	53.4	1.14	1.69	10.22	40.88	42.52	47.90
1800	50.2	50.7	1.11	1.82	10.29	41.01	42.50	47.71
1900	51.7	49.4	1.19	2.00	10.38	41.49	42.11	47.80
2000	49.4	51.7	1.21	2.49	10.34	41.20	41.44	46.29
2100	46.4	50.5	1.14	2.89	10.48	40.22	40.50	45.59
2200	44.4	51.3	1.11	3.46	10.52	39.67	40.16	43.03



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

IF/RF MICROWAVE COMPONENTS

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