

High Power Amplifier

ZHL-20W-202-S+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 28V	DIRECTIVITY (dB) 28V	VSWR (:1)		NOISE FIGURE (dB) 28V	Pout at 3 dB COMPRESSION	Pout at SATURATION	OUTPUT IP3
			IN 28V	OUT 28V		(dBm) 28V	(dBm) 28V	(dBm) 28V
20	52.72	23.56	1.10	5.18	10.77	42.22	43.78	48.43
30	52.82	42.11	1.11	5.05	10.61	42.17	43.53	48.33
40	52.98	37.66	1.12	4.76	10.52	42.09	43.50	48.15
50	53.08	35.62	1.12	4.51	10.48	41.99	43.48	48.14
60	53.24	46.81	1.13	4.19	10.46	41.92	43.48	47.99
70	53.36	47.55	1.13	4.04	10.42	41.83	43.51	48.06
80	53.35	40.28	1.14	4.01	10.40	41.79	43.58	48.17
90	53.36	42.51	1.14	4.07	10.35	41.84	43.67	47.90
100	53.49	44.24	1.14	4.17	10.32	41.84	43.79	48.05
200	54.40	42.84	1.14	5.21	10.08	42.04	44.61	48.84
300	53.92	56.56	1.10	3.88	10.08	41.56	44.62	48.34
400	53.36	51.13	1.05	4.72	10.05	41.61	44.91	48.49
500	51.97	46.51	1.01	3.62	10.11	41.26	44.88	48.07
600	51.51	51.54	1.02	4.23	10.13	41.50	44.58	48.41
700	51.76	41.89	1.02	3.55	10.17	41.40	44.18	48.88
800	52.78	41.59	1.01	3.67	10.21	42.74	45.28	50.12
900	54.32	44.32	1.01	2.16	10.18	43.34	46.14	50.61
1000	54.02	39.25	1.03	1.77	10.20	44.11	46.44	51.41
1100	53.00	44.10	1.04	1.32	10.19	43.29	44.52	51.46
1200	51.86	37.33	1.05	1.15	10.19	43.90	45.13	52.40
1300	51.15	45.43	1.03	1.17	10.21	44.40	46.14	52.87
1400	51.68	47.11	1.04	1.18	10.18	44.73	46.67	53.08
1500	53.15	44.93	1.12	1.42	10.20	44.66	46.81	52.17
1600	54.45	49.28	1.22	1.63	10.20	44.36	46.83	51.56
1700	54.27	42.48	1.29	2.15	10.26	43.54	46.19	50.33
1800	53.44	38.84	1.30	2.25	10.21	43.63	45.85	50.37
1900	52.77	41.67	1.26	2.75	10.31	42.84	44.91	50.17
2000	52.20	46.50	1.19	3.10	10.23	42.77	44.47	49.86
2100	51.38	53.49	1.16	3.55	10.31	43.19	44.14	50.31
2200	49.51	43.87	1.18	3.11	10.31	43.43	44.19	49.53



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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IF/RF MICROWAVE COMPONENTS

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ZHL-20W-202-S+
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Page 1 of 1