

# Coaxial High Power Amplifier

# ZHL-1000-3W+

## Typical Performance Data

FREQ. (MHz)	GAIN (dB)			DIRECTIVITY 24V	VSWR (:1)		NOISE FIGURE (dB) 24V	POUT @ 1 dB COMPRESSION (dBm) 24V	OUTPUT IP3 (dBm) 24V
	23V	24V	25V		IN 24V	OUT 24V			
300	44.10	44.04	44.00	32.58	1.53	4.24	3.60	31.60	47.04
350	44.45	44.42	44.40	37.32	1.57	2.78	3.61	33.99	48.36
400	44.12	44.13	44.13	33.32	1.66	1.90	3.71	35.86	47.83
450	43.69	43.74	43.77	37.94	1.70	1.39	3.64	37.36	47.62
500	43.44	43.51	43.57	33.21	1.64	1.22	3.60	37.59	47.32
550	43.44	43.53	43.60	39.42	1.53	1.32	3.63	37.59	47.36
600	43.64	43.73	43.81	35.50	1.30	1.52	3.63	37.77	47.29
650	43.49	43.57	43.66	34.29	1.21	1.63	3.57	37.75	46.09
700	43.86	43.93	44.01	34.55	1.30	1.74	3.61	37.08	45.12
750	44.17	44.23	44.31	44.04	1.34	1.77	3.53	36.75	44.66
800	44.48	44.54	44.62	38.17	1.31	1.77	3.46	36.78	44.74
850	44.65	44.70	44.77	52.63	1.30	1.77	3.50	36.31	45.06
900	44.73	44.78	44.84	45.00	1.34	1.81	3.53	36.72	44.83
950	44.86	44.91	44.98	53.07	1.33	1.86	3.53	36.50	44.91
1000	44.89	44.95	45.04	42.88	1.19	1.88	3.55	36.24	44.26



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 [www.minicircuits.com](http://www.minicircuits.com)



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IF/RF MICROWAVE COMPONENTS

REV. OR  
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Page 1 of 1