

High Power Amplifier

ZHL-100W-272+

Typical Performance Data

Frequency (MHz)	Gain (dB) 30V	Directivity (dB) 30V	VSWR In (:1) 30V	VSWR Out (:1) 30V	Noise Figure (dB) 30V	Pout at 1dB Compression (dBm) 30V	Pout at 3dB Compression (dBm) 30V	Output IP3 (dBm) 30V
700	49.18	41.02	1.52	1.05	8.22	48.22	50.31	55.77
900	48.01	35.09	1.65	1.27	8.19	50.80	52.24	48.86
1100	47.74	43.16	1.50	1.31	8.18	49.14	50.35	60.43
1300	48.38	41.03	1.30	1.23	8.21	47.95	49.60	53.55
1500	48.64	42.52	1.13	1.27	8.03	48.93	50.48	55.54
1700	49.73	37.34	1.17	1.56	8.04	49.26	51.32	48.98
1900	49.59	37.58	1.18	1.39	8.11	49.69	51.06	48.31
2100	49.82	37.95	1.11	1.12	8.31	48.57	49.98	48.83
2300	47.84	36.82	1.26	1.35	8.27	47.97	49.77	53.59
2500	48.69	33.43	1.22	1.38	8.32	47.87	49.99	50.20
2700	46.97	44.09	1.28	1.22	8.37	48.45	49.45	50.86



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

IF/RF MICROWAVE COMPONENTS

REV. OR
ZHL-100W-272+
6/26/2014
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