

High Power Amplifier

ZHL-100W-13+

Typical Performance Data

Frequency (MHz)	Gain (dB) 28V	Directivity (dB) 28V	VSWR In (:1) 28V	VSWR Out (:1) 28V	Noise Figure (dB) 28V	Pout at 1dB Compression (dBm) 28V	Output IP3 (dBm) 28V
750.0	46.41	85.10	1.12	1.48	6.71	48.54	62.89
800.0	50.15	70.40	1.21	1.11	6.72	49.56	63.77
810.0	51.10	58.85	1.22	1.10	6.61	49.58	64.73
820.0	51.88	66.96	1.23	1.11	6.62	49.33	63.48
830.0	52.05	57.66	1.24	1.13	6.71	49.38	63.06
840.0	51.94	57.24	1.24	1.15	6.60	49.64	62.97
850.0	51.58	75.49	1.25	1.17	6.80	50.01	62.74
860.0	50.92	59.22	1.26	1.18	6.72	50.37	62.58
870.0	50.66	61.50	1.27	1.18	6.77	50.68	62.49
880.0	50.23	63.96	1.27	1.18	6.60	50.87	62.57
890.0	50.05	60.69	1.27	1.18	6.69	50.77	63.00
900.0	49.99	61.48	1.27	1.17	6.69	50.97	62.63
910.0	50.22	62.16	1.27	1.16	6.74	51.08	62.87
920.0	50.36	61.95	1.26	1.15	6.72	51.20	63.20
930.0	50.62	58.29	1.26	1.14	6.71	51.22	63.52
940.0	50.93	69.45	1.25	1.13	6.69	51.08	63.95
950.0	51.19	69.08	1.25	1.11	6.59	51.05	64.32
960.0	51.42	63.07	1.24	1.09	6.63	50.84	64.76
970.0	51.41	65.92	1.23	1.09	6.80	50.36	65.13
980.0	51.23	70.67	1.23	1.14	6.72	50.15	65.25
990.0	51.32	67.06	1.22	1.23	6.73	49.58	65.05
1000.0	51.17	58.60	1.22	1.34	6.69	49.02	64.51
1020.0	49.96	66.47	1.20	1.55	6.76	48.00	63.58
1040.0	49.05	66.54	1.17	1.69	6.67	46.57	63.12
1060.0	46.70	59.66	1.16	2.18	6.69	44.83	63.38



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IF/RF MICROWAVE COMPONENTS

REV. OR
ZHL-100W-13+
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