

Low Noise Amplifier

ZHL-0812HLN+

Typical Performance Data

FREQ. (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	POUT @ 1 dB COMPRESSION (dBm) 15V	POUT @ 3 dB COMPRESSION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V				
800	44.97	47.60	1.22	1.32	0.52	26.98	27.71	38.65
810	45.04	46.22	1.18	1.34	0.50	26.83	27.69	38.73
820	45.09	50.34	1.16	1.36	0.47	26.84	27.93	38.77
840	45.17	45.89	1.12	1.39	0.49	26.83	27.89	38.77
850	45.19	49.32	1.12	1.40	0.51	26.88	27.75	38.67
860	45.21	43.36	1.12	1.41	0.41	26.75	27.94	38.75
870	45.22	45.37	1.13	1.42	0.44	26.63	27.84	38.73
880	45.24	45.75	1.15	1.43	0.45	26.76	27.98	38.61
890	45.26	47.98	1.16	1.44	0.36	26.77	27.88	38.66
900	45.27	45.86	1.18	1.44	0.35	26.88	27.93	38.66
910	45.29	46.84	1.20	1.44	0.42	26.89	27.98	38.69
920	45.31	47.45	1.22	1.44	0.45	26.88	27.89	38.71
930	45.34	44.87	1.24	1.44	0.45	26.84	27.85	38.63
940	45.36	45.75	1.26	1.44	0.38	26.96	27.83	38.76
950	45.39	45.30	1.28	1.43	0.36	26.86	27.87	38.63
960	45.42	43.40	1.29	1.43	0.46	26.83	27.81	38.56
970	45.46	49.12	1.31	1.41	0.37	26.96	27.87	38.64
980	45.50	44.39	1.32	1.40	0.42	26.72	27.81	38.55
990	45.54	42.03	1.33	1.39	0.36	26.99	27.79	38.64
1000	45.57	43.90	1.35	1.37	0.46	26.81	27.85	38.62
1010	45.61	43.26	1.36	1.36	0.40	26.78	27.73	38.48
1020	45.65	43.99	1.36	1.34	0.33	26.93	27.68	38.47
1030	45.68	42.00	1.37	1.32	0.32	26.93	27.70	38.44
1040	45.70	43.84	1.38	1.30	0.39	26.90	27.93	38.43
1050	45.73	44.40	1.38	1.27	0.31	26.79	27.88	38.36
1060	45.74	43.28	1.38	1.25	0.34	27.04	27.93	38.34
1070	45.76	45.84	1.39	1.23	0.38	26.89	27.79	38.27
1080	45.77	46.56	1.39	1.20	0.39	26.91	27.92	38.35
1090	45.78	51.77	1.39	1.18	0.34	26.91	27.58	38.11
1100	45.80	42.68	1.39	1.16	0.35	26.75	27.74	38.13
1110	45.82	47.52	1.39	1.14	0.36	26.94	27.67	38.04
1120	45.84	43.45	1.39	1.13	0.43	26.74	27.63	37.91
1130	45.85	44.49	1.38	1.11	0.45	26.76	27.53	37.78
1140	45.82	41.91	1.37	1.10	0.41	26.90	27.73	37.66
1150	45.70	37.41	1.36	1.07	0.42	26.77	27.50	37.48
1160	45.50	37.94	1.34	1.04	0.40	26.58	27.67	37.44
1170	45.25	39.54	1.33	1.03	0.45	26.58	27.53	37.53
1180	44.98	40.82	1.32	1.05	0.49	26.49	27.62	37.54
1190	44.72	39.74	1.32	1.09	0.49	26.52	27.65	37.49
1200	44.48	42.14	1.33	1.13	0.49	26.59	27.49	37.49



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IF/RF MICROWAVE COMPONENTS

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