

Coaxial Amplifier

ZHL-10M4G21W2+

Typical Performance Data

Frequency (MHz)	Small Signal Gain (dB)	Isolation (dB)	VSWR (:1)		P _{OUT} @ 1 dB Compression (dBm)	P _{OUT} @ 3 dB Compression (dBm)	OIP3 (dBm)	Noise Figure (dB)
			In	Out				
10	44.56	82.66	1.13	1.39	34.92	36.39	44.61	5.77
50	43.18	94.14	1.15	1.49	33.74	35.78	45.20	5.31
100	42.97	100.28	1.18	1.27	33.48	35.46	44.91	5.28
200	43.92	105.30	1.19	1.22	33.74	35.54	45.45	5.34
300	44.81	98.25	1.20	1.36	33.96	35.81	45.62	5.44
400	45.14	96.68	1.21	1.46	33.97	35.88	46.04	5.39
500	44.90	94.89	1.20	1.47	33.96	35.92	46.05	5.42
600	44.61	92.80	1.18	1.54	33.92	35.97	46.04	5.45
700	44.03	97.43	1.15	1.54	33.93	36.02	46.06	5.42
800	43.42	92.56	1.13	1.54	34.02	36.07	46.22	5.47
900	43.31	94.44	1.15	1.51	34.01	36.14	45.85	5.50
1000	43.79	90.31	1.22	1.55	33.95	36.13	46.10	5.43
1100	44.41	90.57	1.31	1.57	33.87	36.05	45.78	5.44
1200	44.64	89.82	1.36	1.56	33.69	36.01	45.48	5.43
1300	44.33	89.79	1.37	1.56	33.76	35.93	45.59	5.44
1400	43.75	89.54	1.38	1.62	33.39	35.75	45.50	5.42
1500	43.49	89.59	1.40	1.78	33.53	35.77	45.50	5.43
1600	43.18	90.56	1.42	1.90	33.55	35.81	45.55	5.39
1700	43.00	91.94	1.40	2.00	33.42	35.76	45.17	5.46
1800	43.06	89.19	1.33	2.13	33.30	35.62	45.04	5.49
1900	43.22	88.46	1.23	2.22	32.86	35.18	44.86	5.40
2000	43.48	90.60	1.14	2.21	32.34	34.54	44.46	5.53
2100	43.74	86.03	1.11	2.15	32.02	34.20	44.20	5.54
2200	44.10	88.05	1.18	2.02	31.68	33.91	43.80	5.48
2300	44.43	86.09	1.26	1.84	31.22	33.28	43.31	5.55
2400	44.58	85.04	1.33	1.61	30.81	32.96	42.89	5.60
2500	44.49	85.29	1.41	1.39	30.26	32.72	42.46	5.57
2600	44.28	84.42	1.51	1.24	30.33	32.82	42.53	5.48
2700	43.98	84.65	1.64	1.24	30.93	33.29	42.74	5.63
2800	43.77	84.11	1.76	1.32	31.30	33.42	42.54	5.54
2900	43.62	86.51	1.81	1.42	30.63	32.57	42.61	5.63
3000	43.53	84.85	1.78	1.48	29.93	31.26	42.15	5.75
3100	43.49	87.22	1.69	1.52	30.04	31.60	41.91	5.68
3200	43.50	86.44	1.59	1.51	30.42	32.26	41.92	5.77
3300	43.42	86.89	1.52	1.47	30.67	33.08	42.25	5.98
3400	43.26	87.77	1.50	1.42	30.96	33.33	42.58	5.91
3600	43.46	89.07	1.40	1.30	30.77	32.98	42.22	6.08
3800	44.16	85.54	1.23	1.10	30.46	32.46	42.06	6.23
4000	44.20	88.32	1.12	1.12	30.32	32.52	41.14	6.37
4200	43.64	85.08	1.13	1.18	29.96	32.68	40.84	6.35