

# Coaxial Amplifier

# ZFL-272VH+

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	POUT @ 1 dB COMPRESSION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V			
30	17.32	6.87	1.70	1.49	4.30	29.12	49.02
50	17.88	5.69	1.40	1.50	3.67	29.77	49.98
100	18.12	5.15	1.18	1.51	3.08	29.80	50.11
150	18.14	5.07	1.12	1.51	3.07	29.89	50.84
200	18.10	5.09	1.09	1.50	2.98	29.94	51.15
250	18.06	5.14	1.07	1.50	3.04	30.10	51.87
300	18.00	5.20	1.06	1.49	3.08	30.14	50.28
350	17.95	5.26	1.06	1.48	3.04	29.98	49.30
400	17.88	5.34	1.07	1.47	3.06	30.15	49.08
450	17.80	5.42	1.07	1.46	3.14	30.20	49.13
500	17.72	5.51	1.08	1.45	3.16	30.29	49.02
550	17.64	5.59	1.08	1.44	3.21	30.19	48.71
600	17.57	5.65	1.09	1.43	3.38	30.30	48.83
650	17.49	5.72	1.10	1.42	3.28	30.46	48.26
700	17.41	5.79	1.10	1.40	3.51	30.24	47.94
750	17.32	5.88	1.11	1.39	3.86	30.33	47.57
800	17.23	5.97	1.12	1.37	3.35	30.20	47.18
850	17.13	6.07	1.12	1.36	3.37	30.29	47.10
900	17.02	6.19	1.12	1.34	3.51	30.26	47.00
950	16.88	6.37	1.12	1.32	3.47	30.11	46.77
1000	16.78	6.47	1.13	1.31	3.51	30.08	46.68
1050	16.68	6.57	1.14	1.29	3.53	30.07	46.73
1100	16.60	6.63	1.14	1.27	3.56	29.98	46.56
1150	16.50	6.72	1.14	1.26	3.66	30.09	46.46
1200	16.40	6.81	1.14	1.25	3.65	29.89	46.04
1250	16.29	6.92	1.14	1.24	3.69	29.81	45.72
1300	16.19	7.02	1.13	1.23	3.74	29.74	45.37
1350	16.07	7.15	1.13	1.22	3.81	29.59	45.08
1400	15.92	7.33	1.13	1.21	3.87	29.40	45.04
1450	15.85	7.38	1.12	1.20	3.88	29.07	44.60
1500	15.75	7.48	1.11	1.19	3.94	29.03	44.49
1550	15.64	7.60	1.10	1.18	3.97	29.06	44.38
1600	15.53	7.72	1.09	1.18	4.02	28.77	44.16
1650	15.42	7.84	1.07	1.18	4.05	28.63	43.94
1700	15.31	7.96	1.07	1.18	4.05	28.33	43.46
1750	15.20	8.09	1.06	1.18	4.09	28.31	43.16
1800	15.08	8.23	1.05	1.18	4.17	28.38	43.16
1850	14.96	8.38	1.05	1.18	4.22	28.18	42.96
1900	14.84	8.54	1.06	1.19	4.25	28.01	42.62
1950	14.71	8.71	1.06	1.20	4.88	27.74	42.25
2000	14.57	8.91	1.07	1.22	4.42	27.59	41.95
2050	14.39	9.18	1.08	1.24	4.49	27.38	41.70
2100	14.14	9.60	1.11	1.26	4.67	27.28	41.60
2150	13.86	10.10	1.18	1.28	5.19	27.18	41.41
2200	13.83	10.07	1.23	1.27	4.92	26.74	40.73
2250	13.83	10.00	1.25	1.28	4.79	26.69	40.63
2300	13.75	10.09	1.27	1.31	4.82	26.32	40.11
2350	13.63	10.26	1.29	1.34	4.85	26.22	39.86
2400	13.50	10.46	1.31	1.39	4.89	25.87	38.99
2450	13.36	10.69	1.34	1.44	5.01	25.87	39.04
2500	13.20	10.95	1.37	1.49	5.01	25.63	38.41
2550	13.03	11.24	1.40	1.56	5.16	25.66	38.89
2600	12.86	11.55	1.44	1.63	5.23	25.13	37.98
2650	12.67	11.88	1.48	1.71	5.30	25.27	38.10
2700	12.47	12.24	1.53	1.81	5.42	24.72	37.39
2750	12.26	12.63	1.58	1.91	5.46	24.99	38.08
2800	12.04	13.04	1.63	2.03	5.61	24.35	36.76
2850	11.80	13.48	1.69	2.16	5.66	24.38	36.86
2900	11.56	13.95	1.76	2.30	5.74	24.18	36.23
2950	11.30	14.46	1.82	2.46	5.83	23.86	35.54
3000	11.04	14.98	1.90	2.64	5.85	23.50	34.97



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IF/RF MICROWAVE COMPONENTS

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ZFL-272VH+  
3/7/2019  
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