

Coaxial Amplifier

ZVA-183A-S+

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	Pout @ 1 dB COMPRESSION (dBm) 12V	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V			
0.7	25.03	74.09	1.20	1.18	6.12	29.31	44.29
0.8	25.28	73.84	1.21	1.14	5.90	29.37	39.70
0.9	25.41	69.69	1.21	1.12	5.67	29.22	39.43
1.0	25.51	62.87	1.21	1.13	5.48	28.87	38.86
1.2	25.83	74.46	1.21	1.12	5.31	27.97	37.46
1.4	25.61	67.07	1.20	1.21	5.19	27.17	38.91
1.6	25.32	66.21	1.19	1.27	5.12	26.36	36.98
1.8	25.08	66.45	1.20	1.30	4.99	25.62	35.98
2.0	24.94	77.98	1.21	1.31	5.15	25.34	35.76
2.2	24.84	63.78	1.23	1.29	5.14	25.00	34.96
2.4	24.86	65.92	1.23	1.27	5.15	24.87	35.34
2.6	24.90	67.50	1.22	1.25	4.85	24.68	34.86
2.8	24.99	74.51	1.19	1.23	5.00	24.66	35.17
3.0	25.02	69.90	1.16	1.21	4.81	24.62	34.86
3.2	25.04	70.36	1.13	1.18	4.68	24.63	36.42
3.4	25.03	86.10	1.10	1.19	4.41	24.48	35.67
3.6	25.00	67.95	1.08	1.18	4.36	24.42	34.78
3.8	24.88	65.62	1.07	1.17	4.17	24.52	35.78
4.0	24.80	69.94	1.08	1.14	4.11	24.12	35.70
4.2	24.72	67.13	1.11	1.12	4.01	23.89	35.92
4.4	24.63	62.84	1.14	1.10	3.74	23.99	35.40
4.6	24.54	76.31	1.15	1.08	3.65	23.89	35.32
4.8	24.50	69.18	1.17	1.06	3.47	23.72	34.91
5.0	24.49	60.72	1.19	1.05	3.37	23.60	35.55
5.5	24.41	59.78	1.22	1.01	3.13	23.45	35.19
6.0	24.36	58.65	1.24	1.02	2.97	23.38	34.76
6.5	24.30	61.61	1.30	1.03	2.72	23.14	34.44
7.0	24.31	54.19	1.38	1.11	2.68	23.17	34.19
7.5	24.32	54.40	1.47	1.13	2.63	23.18	34.09
8.0	24.14	56.35	1.51	1.21	2.86	23.00	34.08
8.5	24.16	62.49	1.48	1.26	2.71	22.97	34.20
9.0	23.52	55.39	1.49	1.25	2.59	22.33	34.10
9.5	23.58	52.31	1.40	1.23	3.20	22.50	33.61
10.0	23.46	61.15	1.31	1.22	2.93	22.17	32.98
10.5	23.48	56.52	1.23	1.24	2.88	22.18	32.96
11.0	23.47	55.89	1.17	1.24	2.79	22.06	32.77
11.5	23.43	54.43	1.18	1.28	3.00	21.93	32.33
12.0	23.41	56.20	1.22	1.33	2.96	22.02	32.39
12.5	23.42	52.42	1.29	1.47	3.29	22.04	32.39
13.0	23.45	51.54	1.39	1.44	3.35	21.98	32.23
13.5	23.55	52.21	1.47	1.43	3.46	22.29	32.46
14.0	23.68	51.16	1.50	1.28	3.44	22.49	32.83
14.5	23.84	45.68	1.45	1.19	3.46	22.55	32.87
15.0	24.00	44.92	1.34	1.07	3.38	22.64	32.38
15.5	24.16	42.34	1.27	1.09	3.61	22.88	32.28
16.0	24.24	44.47	1.29	1.12	3.72	22.83	32.25
16.5	24.17	46.28	1.34	1.20	3.85	22.87	33.27
17.0	24.00	43.45	1.33	1.31	3.98	22.90	33.26
17.5	23.78	42.51	1.22	1.44	4.11	22.52	32.63
18.0	23.54	40.88	1.12	1.56	4.16	22.09	31.84