

Coaxial Amplifier

ZX60-R5183P+

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

FREQUENCY (GHz)	GAIN (dB) 5V	DIRECTIVITY (dB) 5V	RETURN LOSS (dB)		Pout @ 1 dB COMPRESSION (dBm) 5V	OIP3 (dBm) 5V	NOISE FIGURE (dB) 5V
			IN 5V	OUT 5V			
0.5	6.30	12.04	14.6	13.0	10.3	24.74	7.33
1.0	6.55	11.38	16.1	13.3	10.2	24.18	6.43
1.5	6.65	11.13	15.4	13.0	10.5	24.91	6.07
2.0	6.75	10.93	14.5	12.5	10.1	25.42	5.81
2.5	6.82	10.82	13.5	12.2	9.8	25.09	5.71
3.0	6.87	10.76	12.7	11.8	9.9	25.64	5.50
3.5	6.96	10.66	12.1	10.9	10.2	27.13	5.33
4.0	6.99	10.67	11.8	10.1	10.4	26.70	5.15
4.5	7.02	10.71	11.7	9.4	10.1	27.73	5.02
5.0	7.07	10.70	11.9	8.6	9.7	27.93	4.83
5.5	7.09	10.75	12.5	8.0	10.0	27.43	4.64
6.0	7.12	10.82	13.0	7.5	10.1	29.17	4.46
6.5	7.14	10.89	13.4	7.0	10.3	26.97	4.29
7.0	7.14	11.03	13.1	6.6	10.2	25.88	4.18
7.5	7.11	11.22	12.3	6.3	10.4	26.31	4.16
8.0	7.08	11.42	11.2	6.0	10.8	26.93	4.11
8.5	7.07	11.58	10.3	5.9	10.5	25.17	4.14
9.0	7.10	11.69	9.6	6.0	10.7	24.68	4.24
9.5	7.18	11.70	9.3	6.4	11.4	24.61	4.31
10.0	7.32	11.57	9.3	7.0	11.2	24.18	4.49
10.5	7.52	11.34	9.44	7.91	10.94	23.85	4.58
11.0	7.74	11.08	9.71	9.18	10.84	23.26	4.63
11.5	7.95	10.84	9.87	10.66	11.12	23.25	4.64
12.0	8.12	10.74	9.97	11.94	10.95	22.73	4.59
12.5	8.30	10.71	10.18	12.55	10.34	21.64	4.50
13.0	8.44	10.74	10.61	12.40	10.49	21.25	4.40
13.5	8.55	10.81	11.74	11.82	11.04	21.65	4.30
14.0	8.67	10.91	13.77	11.10	10.81	21.54	4.20
14.5	8.78	11.03	17.63	10.22	10.43	21.25	4.14
15.0	8.86	11.21	25.28	9.38	10.87	21.52	4.10
15.5	8.93	11.44	30.88	8.78	11.44	22.01	4.07
16.0	9.04	11.62	21.49	8.67	11.27	21.40	4.12
16.5	9.19	11.74	18.19	9.44	11.17	21.05	4.24
17.0	9.37	11.88	16.21	11.66	10.41	20.64	4.45
17.5	9.44	12.23	13.54	16.94	10.80	19.77	4.55
18.0	9.26	13.15	10.67	19.48	10.49	19.05	4.73