

Coaxial Low Noise Amplifier

ZX60-33LNR-S+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 5V	DIRECTIVITY (dB) 5V	VSWR (:1)		NOISE FIGURE (dB) 5V	POUT @ 1 dB COMPRESSION (dBm) 5V	OUTPUT IP3 (dBm) 5V
			IN 5V	OUT 5V			
20	24.85	10.53	2.46	1.16	2.26	17.56	27.09
30	24.83	8.97	2.38	1.16	1.73	17.87	27.30
40	24.80	8.30	2.34	1.18	1.43	17.43	27.53
50	24.77	7.89	2.33	1.19	1.20	17.16	27.42
60	24.77	7.70	2.33	1.20	1.07	17.42	27.22
70	24.75	7.57	2.32	1.21	0.97	17.58	27.15
80	24.72	7.48	2.33	1.21	0.95	17.37	27.22
90	24.69	7.42	2.33	1.21	0.86	17.48	27.10
100	24.67	7.37	2.34	1.22	0.82	17.64	27.19
150	24.47	7.29	2.37	1.22	0.71	17.61	27.67
200	24.23	7.29	2.42	1.21	0.67	17.85	28.33
250	23.94	7.31	2.48	1.21	0.69	17.89	28.81
300	23.62	7.34	2.53	1.19	0.71	18.23	29.51
350	23.28	7.36	2.59	1.18	0.71	18.30	29.57
400	22.93	7.39	2.64	1.17	0.72	18.39	29.99
450	22.56	7.44	2.68	1.16	0.73	18.69	30.48
500	22.18	7.48	2.71	1.14	0.73	18.76	30.54
550	21.81	7.53	2.74	1.13	0.72	18.79	31.01
600	21.44	7.56	2.76	1.12	0.76	18.77	31.15
650	21.08	7.59	2.78	1.11	0.75	19.10	31.70
700	20.71	7.65	2.79	1.09	0.74	18.97	31.80
750	20.34	7.73	2.75	1.08	0.74	19.00	31.86
800	20.02	7.70	2.78	1.07	0.75	19.31	32.15
850	19.68	7.73	2.79	1.06	0.76	18.90	32.34
900	19.35	7.76	2.78	1.05	0.80	19.09	32.63
950	19.03	7.80	2.77	1.05	0.81	19.40	32.89
1000	18.71	7.83	2.75	1.05	0.86	19.76	32.38
1100	18.08	7.94	2.73	1.06	0.94	19.37	33.22
1200	17.44	8.11	2.62	1.11	1.05	19.01	33.33
1300	17.08	7.78	2.52	1.11	0.89	18.77	33.49
1400	16.59	7.78	2.46	1.14	0.88	18.88	33.59
1500	16.11	7.79	2.40	1.17	0.87	18.79	33.71
1600	15.65	7.80	2.34	1.20	0.90	19.08	34.03
1700	15.22	7.81	2.28	1.23	0.93	19.12	34.40
1800	14.82	7.80	2.20	1.26	0.97	18.51	34.05
1900	14.44	7.77	2.13	1.29	1.01	18.61	34.25
2000	14.08	7.75	2.05	1.32	1.01	18.50	34.38
2100	13.71	7.73	1.99	1.34	1.05	18.38	34.97
2200	13.36	7.76	1.93	1.37	1.12	18.04	35.44
2300	13.00	7.83	1.88	1.39	1.16	17.56	34.78
2400	12.77	7.69	1.80	1.39	1.12	17.49	35.29
2500	12.52	7.59	1.72	1.40	1.09	17.47	35.58
2600	12.26	7.54	1.66	1.39	1.12	17.04	35.65
2700	12.03	7.43	1.59	1.39	1.19	16.81	36.04
2800	11.81	7.34	1.53	1.38	1.20	16.50	36.01
2900	11.61	7.23	1.48	1.37	1.23	16.41	35.70
3000	11.36	7.23	1.44	1.37	1.30	16.31	35.45
3050	11.26	7.19	1.43	1.35	1.34	16.30	37.27
3100	11.12	7.23	1.43	1.34	1.29	16.02	37.18
3150	10.99	7.26	1.42	1.33	1.23	15.79	37.20
3200	10.88	7.27	1.44	1.30	1.22	15.71	36.29
3250	10.75	7.28	1.44	1.29	1.32	15.57	36.84
3300	10.64	7.31	1.46	1.26	1.38	15.61	36.67