

Coaxial

Low Noise Amplifier**ZX60-153LN+****Typical Performance Data**

FREQUENCY (MHz)	Gain (dB) 12V	Directivity (dB) 12V	VSWR IN (:1) 12V	VSWR OUT (:1) 12V	Noise Figure (dB) 12V	Pout @ 1dB Compression (dBm) 12V	Output IP3 (dBm) 12V
500	18.55	7.88	2.44	1.47	2.56	16.17	30.73
600	18.81	7.27	2.14	1.41	2.37	16.33	31.04
700	18.95	6.91	1.95	1.37	2.30	16.46	31.11
800	19.01	6.71	1.83	1.35	2.24	16.52	31.38
900	19.07	6.54	1.76	1.34	2.15	16.64	31.63
1000	19.09	6.45	1.70	1.34	2.15	16.74	31.59
1100	19.09	6.42	1.66	1.34	2.18	16.77	32.59
1200	19.08	6.40	1.64	1.34	2.23	16.78	32.34
1300	19.05	6.42	1.63	1.35	2.16	16.80	32.20
1400	19.02	6.47	1.62	1.36	2.18	16.87	32.42
1500	18.98	6.53	1.62	1.37	2.23	16.76	31.92
1600	18.93	6.62	1.63	1.38	2.21	16.80	32.27
1700	18.87	6.73	1.64	1.40	2.19	16.76	32.10
1800	18.80	6.87	1.65	1.41	2.21	16.80	32.47
1900	18.74	7.00	1.66	1.41	2.20	16.80	32.24
2000	18.69	7.10	1.67	1.43	2.15	16.86	32.58
2100	18.63	7.22	1.68	1.44	2.21	16.84	32.62
2200	18.57	7.34	1.70	1.46	2.17	16.96	33.15
2300	18.50	7.48	1.72	1.47	2.18	16.84	32.54
2400	18.43	7.63	1.73	1.49	2.14	16.93	33.07
2500	18.36	7.78	1.75	1.50	2.16	16.87	32.35
2600	18.29	7.94	1.77	1.52	2.26	16.92	32.54
2700	18.22	8.10	1.79	1.53	2.26	16.91	32.52
2800	18.14	8.27	1.81	1.54	2.23	16.98	33.03
2900	18.08	8.43	1.83	1.55	2.23	16.94	32.65
3000	18.00	8.59	1.84	1.56	2.31	17.05	32.95
3100	17.94	8.74	1.86	1.56	2.34	17.05	33.13
3200	17.86	8.92	1.88	1.57	2.34	17.12	32.82
3300	17.79	9.08	1.89	1.57	2.28	17.14	33.12
3400	17.72	9.25	1.91	1.57	2.34	17.03	32.50
3500	17.66	9.42	1.92	1.57	2.28	17.20	33.08
3600	17.59	9.59	1.93	1.57	2.31	17.05	32.22
3700	17.52	9.75	1.95	1.57	2.30	17.10	32.19
3800	17.46	9.92	1.95	1.56	2.28	17.10	32.25
3900	17.40	10.08	1.96	1.55	2.35	17.15	32.25
4000	17.35	10.23	1.97	1.54	2.29	17.18	32.49
4100	17.29	10.38	1.98	1.52	2.28	17.12	32.20
4200	17.24	10.51	1.99	1.51	2.38	17.13	31.79
4300	17.20	10.65	1.99	1.49	2.33	17.21	32.12
4400	17.15	10.79	2.00	1.48	2.35	17.17	31.97
4500	17.11	10.92	2.00	1.46	2.35	17.09	31.56
4600	17.07	11.05	2.01	1.44	2.37	17.16	31.49
4700	17.04	11.17	2.01	1.42	2.38	17.22	31.41
4800	16.99	11.31	2.01	1.40	2.35	17.06	31.34
4900	16.96	11.43	2.01	1.37	2.37	17.11	30.98
5000	16.92	11.56	2.01	1.35	2.35	17.24	31.31
5200	16.85	11.82	2.02	1.31	2.43	17.20	31.48
5400	16.78	12.09	2.01	1.27	2.35	17.21	31.07
5600	16.70	12.37	2.01	1.23	2.36	17.15	30.70
5800	16.61	12.68	2.01	1.21	2.31	17.09	30.51
6000	16.51	13.00	2.00	1.20	2.29	17.09	30.44
6500	16.26	13.87	1.99	1.21	2.37	16.98	30.53
7000	16.14	14.37	1.98	1.25	2.38	16.73	29.75
7500	16.25	14.73	1.91	1.25	2.34	16.67	29.50
8000	16.33	15.13	1.86	1.20	2.28	16.75	29.11
8500	16.31	15.64	1.78	1.15	2.29	16.59	29.21
9000	16.21	16.35	1.70	1.20	2.46	16.44	28.53
9500	16.06	17.33	1.66	1.33	2.50	16.03	28.31
10000	15.98	18.48	1.67	1.50	2.57	15.81	27.99
10500	16.18	19.46	1.69	1.67	2.69	15.50	27.63
11000	16.05	19.47	1.85	1.82	2.67	15.10	27.64
11500	15.73	19.03	2.07	1.68	2.78	14.89	27.17
12000	15.58	20.57	2.30	1.65	2.92	14.66	27.26
12500	14.97	23.45	2.54	1.72	3.07	14.41	26.76
13000	15.33	23.94	3.12	1.55	3.16	14.54	26.52
13500	15.15	21.19	4.12	1.29	3.24	14.36	26.41
14000	14.49	21.02	4.15	1.21	3.43	13.93	26.17
14500	15.06	21.32	4.14	1.11	3.51	14.64	26.89
15000	14.25	21.94	3.74	1.68	3.72	13.99	26.70



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



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