

Low Noise Amplifier

ZRL-1150LN+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	POUT @ 1 dB COMPRESSION (dBm) 12V	FREQUENCY (MHz)	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V				
650.0	34.54	19.40	1.55	1.14	1.03	25.15	650.0	41.25
685.0	34.74	18.48	1.51	1.10	0.93	25.19	657.0	41.33
700.0	35.03	17.90	1.48	1.10	0.86	25.23	664.0	41.55
725.0	35.01	17.37	1.39	1.12	0.80	25.23	671.0	41.32
750.0	34.87	17.22	1.35	1.15	0.76	25.29	678.0	41.46
775.0	35.07	16.35	1.37	1.18	0.74	25.43	685.0	41.26
800.0	35.13	15.77	1.35	1.22	0.73	25.32	790.0	41.51
825.0	34.93	15.55	1.26	1.25	0.68	25.32	895.0	42.02
850.0	35.01	15.01	1.23	1.22	0.69	25.24	1000.0	41.91
875.0	35.03	14.87	1.24	1.19	0.70	25.22	1080.0	41.98
900.0	34.87	14.57	1.23	1.20	0.68	25.15	1160.0	41.59
925.0	34.71	14.34	1.22	1.21	0.72	25.14	1240.0	41.39
950.0	34.74	14.24	1.20	1.18	0.67	25.16	1320.0	41.95
975.0	34.63	13.75	1.19	1.12	0.69	25.11	1400.0	42.59
1000.0	34.35	13.87	1.23	1.12	0.71	25.15		
1025.0	34.23	14.08	1.27	1.17	0.73	25.28		
1050.0	34.21	13.76	1.28	1.18	0.76	25.47		
1075.0	33.94	13.63	1.25	1.14	0.78	25.54		
1100.0	33.71	13.77	1.26	1.11	0.77	25.61		
1125.0	33.67	13.70	1.29	1.16	0.76	25.61		
1150.0	33.47	13.68	1.30	1.18	0.80	25.66		
1175.0	33.19	13.70	1.24	1.13	0.78	25.64		
1200.0	33.11	13.56	1.18	1.06	0.81	25.55		
1225.0	32.97	13.54	1.21	1.06	0.81	25.52		
1250.0	32.72	13.55	1.23	1.09	0.80	25.44		
1275.0	32.48	13.73	1.22	1.09	0.83	25.50		
1300.0	32.40	13.73	1.22	1.11	0.87	25.35		
1325.0	32.22	13.77	1.23	1.08	0.87	25.38		
1350.0	31.91	13.85	1.28	1.08	0.91	25.30		
1375.0	31.71	13.98	1.38	1.19	0.99	25.27		
1400.0	31.66	13.89	1.45	1.26	1.01	25.10		



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IF/RF MICROWAVE COMPONENTS

REV. X2

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5/31/2011

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