

Low Noise Amplifier

ZRL-3500+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	POUT @ 1 dB COMPRESSION (dBm) 12V	POUT @ 3 dB COMPRESSION (dBm) 12V	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V				
700	31.14	13.94	1.41	1.27	2.63	23.90	25.09	41.77
800	31.09	13.20	1.36	1.20	2.21	24.15	25.15	41.30
900	30.88	12.99	1.27	1.13	1.97	24.37	25.10	40.65
1000	30.44	13.53	1.16	1.10	1.88	24.46	25.03	40.89
1100	29.84	13.66	1.12	1.11	1.83	24.34	24.95	40.43
1200	29.18	14.30	1.15	1.15	1.81	24.27	24.94	40.65
1300	28.54	14.83	1.22	1.21	1.86	24.26	25.06	40.70
1400	27.87	15.11	1.29	1.27	1.89	24.33	25.14	41.26
1500	27.24	15.58	1.35	1.34	1.91	24.46	25.32	41.65
1600	26.79	15.49	1.40	1.40	1.98	24.62	25.50	42.75
1700	26.32	15.49	1.44	1.44	2.00	24.74	25.66	43.19
1800	25.84	15.54	1.42	1.45	2.08	24.80	25.77	43.17
1900	25.66	15.18	1.41	1.40	2.10	24.75	25.81	44.09
2000	25.27	14.90	1.34	1.34	2.17	24.91	25.88	43.79
2100	24.95	14.68	1.32	1.31	2.15	24.66	25.82	43.71
2200	24.50	14.61	1.35	1.34	2.15	24.60	25.75	43.86
2300	24.15	14.20	1.39	1.39	2.21	24.74	25.68	45.32
2400	23.58	14.22	1.36	1.38	2.29	24.55	25.55	45.08
2500	23.05	14.13	1.29	1.29	2.40	24.46	25.49	44.10
2600	22.53	13.98	1.16	1.19	2.43	24.31	25.33	43.56
2700	21.72	14.24	1.16	1.31	2.64	23.71	24.94	43.38
2800	21.17	14.57	1.23	1.40	2.75	23.90	25.09	43.20
2900	20.94	14.44	1.22	1.45	2.84	23.69	24.96	42.37
3000	20.79	14.20	1.14	1.41	2.93	23.51	24.81	42.02
3100	20.46	14.24	1.07	1.33	3.04	23.57	24.89	41.84
3200	20.10	14.72	1.21	1.26	3.17	23.79	25.01	42.08
3300	19.54	15.51	1.35	1.28	3.32	24.24	25.39	42.86
3400	18.83	16.48	1.44	1.46	3.41	24.14	25.29	43.30
3500	17.82	18.37	1.61	1.61	3.43	23.82	25.10	42.73



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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