

# Low Noise Amplifier

# ZRL-2300+

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	POUT @ 1 dB COMPRESSION (dBm) 12V	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V			
1400.0	29.05	15.33	1.24	1.13	2.51	25.03	45.12
1450.0	29.14	14.95	1.16	1.13	2.37	25.04	45.83
1500.0	29.19	14.64	1.12	1.14	2.27	25.01	46.40
1550.0	29.24	14.22	1.12	1.14	2.19	24.88	46.66
1600.0	29.29	13.78	1.13	1.14	2.09	24.87	47.43
1650.0	29.35	13.48	1.15	1.14	2.05	24.79	48.73
1700.0	29.41	13.13	1.16	1.14	1.99	24.68	49.04
1750.0	29.46	12.67	1.17	1.15	1.95	24.79	48.82
1800.0	29.49	12.46	1.18	1.16	1.96	24.76	48.40
1850.0	29.50	12.21	1.18	1.17	1.94	24.83	47.89
1900.0	29.50	12.01	1.19	1.18	1.97	24.97	47.59
1950.0	29.49	11.61	1.20	1.17	2.02	25.12	46.80
2000.0	29.48	11.54	1.22	1.14	2.03	25.36	44.97
2050.0	29.48	11.14	1.25	1.10	2.05	25.32	43.99
2100.0	29.46	10.95	1.29	1.08	2.02	25.56	43.83
2150.0	29.39	10.83	1.33	1.14	1.98	25.50	43.80
2200.0	29.26	10.99	1.37	1.22	1.88	25.46	43.88
2250.0	29.06	11.24	1.39	1.30	1.86	25.13	43.65
2300.0	28.80	11.48	1.41	1.33	1.83	24.88	43.71



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  
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IF/RF MICROWAVE COMPONENTS

REV. OR  
ZRL-2300+  
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