

# Low Noise Amplifier

# ZRL-400+

## 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			
150.0	31.29	21.07	1.51	1.24	2.61	25.47	44.82
160.0	31.59	19.06	1.40	1.22	2.54	25.52	44.97
170.0	31.82	18.38	1.32	1.19	2.51	25.56	45.31
180.0	32.00	17.78	1.29	1.17	2.28	25.55	45.79
190.0	32.10	17.48	1.28	1.16	2.16	25.47	45.77
200.0	32.18	17.27	1.29	1.15	2.21	25.38	45.92
210.0	32.21	16.64	1.31	1.14	2.14	25.30	45.83
220.0	32.23	17.26	1.32	1.13	2.16	25.28	46.04
230.0	32.22	16.35	1.34	1.12	2.05	25.18	46.48
240.0	32.20	16.56	1.34	1.12	2.05	25.18	46.46
250.0	32.19	16.78	1.35	1.13	2.03	25.25	47.16
260.0	32.16	16.57	1.35	1.13	2.08	25.22	47.7
270.0	32.13	16.75	1.35	1.14	2.03	25.05	48.26
280.0	32.08	16.32	1.35	1.16	2.03	25.00	48.88
290.0	32.04	16.21	1.36	1.17	2.02	25.02	49.14
300.0	31.99	15.97	1.37	1.19	2.03	25.00	49.14
310.0	31.92	16.22	1.39	1.20	2.00	25.03	48.77
320.0	31.86	15.43	1.40	1.21	2.03	25.01	47.94
330.0	31.78	15.87	1.42	1.22	2.02	25.06	47.77
340.0	31.70	15.94	1.44	1.23	2.08	25.12	47.12
350.0	31.60	16.29	1.46	1.23	2.05	25.09	47.19
360.0	31.50	15.57	1.47	1.22	2.05	25.10	46.82
370.0	31.39	15.37	1.48	1.21	1.99	25.14	46.06
380.0	31.29	15.71	1.49	1.19	2.08	25.13	46.14
390.0	31.17	16.36	1.49	1.18	1.99	25.14	45.79
400.0	31.03	16.34	1.50	1.16	2.03	25.14	45.09

