

Amplifier

ZHL-1042J+

Typical Performance Data

FREQ. (MHz)	GAIN (dB)			DIRECTIVITY (dB)			VSWR (:1)		NOISE FIGURE (dB) 15V	POUT @ 1 dB COMPRESSION (dBm) 15V
	12V	15V	16V	12V	15V	16V	IN 15V	OUT 15V		
10.0	27.55	28.68	28.68	33.40	32.60	33.80	1.60	1.57	19.14	22.32
21.4	28.01	29.08	29.09	30.70	19.80	26.40	1.56	1.83	17.99	23.20
67.0	27.31	28.36	28.37	28.30	27.70	27.50	1.57	1.84	13.37	22.82
209.9	27.41	28.43	28.44	32.30	29.80	34.40	1.52	1.78	7.36	22.75
258.5	26.30	27.16	27.18	29.70	23.10	24.80	1.65	1.10	5.34	21.04
657.2	27.06	28.06	28.06	29.80	23.00	30.50	1.24	1.43	5.90	21.80
1514.1	27.81	28.70	28.71	29.50	29.10	27.40	1.53	1.62	5.28	20.96
1836.4	27.53	28.29	28.28	30.00	26.70	27.70	1.88	1.47	5.40	21.14
2158.7	26.69	27.44	27.44	25.50	26.20	27.90	1.94	1.29	5.39	20.59
2373.6	26.44	27.26	27.27	25.00	26.00	28.50	1.83	1.20	5.30	20.84
2910.8	26.45	27.38	27.41	23.90	28.10	23.20	1.48	1.12	5.41	20.61
3233.1	26.74	27.60	27.60	23.50	31.50	25.70	1.45	1.34	5.43	20.72
3555.4	26.87	27.63	27.64	28.60	25.90	25.80	1.17	1.64	5.43	20.61
3877.7	27.26	28.14	28.15	22.20	20.80	22.20	1.31	1.75	5.55	21.22
4200.0	27.17	28.06	28.08	21.90	18.30	21.20	1.46	1.66	5.58	20.82



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

REV. OR
 ZHL-1042J+
 6/6/2013
 Page 1 of 1