

Low Noise Wideband Amplifier

ZVE-323LN-K+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	Pout at 1 dB COMPRESSION (dBm) 12V	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V			
18000	23.05	24.97	1.48	1.44	2.65	10.60	20.09
18500	22.71	26.90	1.45	1.48	2.55	11.14	20.97
19000	22.38	27.57	1.44	1.51	2.33	11.45	21.41
19500	22.11	29.08	1.45	1.52	2.43	11.67	21.65
20000	21.89	27.59	1.46	1.52	2.64	12.12	22.29
20500	21.76	27.70	1.48	1.51	2.54	12.07	23.03
21000	21.64	27.00	1.48	1.51	2.33	12.33	23.60
21500	21.63	25.79	1.46	1.51	2.44	12.61	24.18
22000	21.69	24.94	1.44	1.54	2.59	12.34	24.16
22500	21.85	24.18	1.40	1.58	2.71	12.64	24.71
23000	22.07	23.13	1.37	1.65	2.66	13.10	24.38
23500	22.33	22.90	1.37	1.73	2.54	12.82	24.97
24000	22.57	23.02	1.39	1.80	2.59	13.00	24.97
24500	22.71	24.34	1.43	1.83	2.65	13.00	25.14
25000	22.75	24.15	1.46	1.84	2.55	12.74	25.83
25500	22.74	25.17	1.48	1.81	2.37	13.07	25.51
26000	22.69	25.32	1.48	1.75	2.43	12.85	26.12
26500	22.64	25.15	1.47	1.68	2.47	12.78	25.96
27000	22.57	26.17	1.45	1.60	2.54	12.72	25.61
27500	22.58	25.75	1.43	1.53	2.38	12.91	25.50
28000	22.58	26.36	1.40	1.45	2.38	13.19	25.42
28500	22.58	25.50	1.37	1.38	2.50	13.21	25.50
29000	22.57	24.92	1.31	1.33	2.57	13.14	25.55
29500	22.56	24.81	1.24	1.29	2.52	13.08	25.71
30000	22.51	24.83	1.15	1.27	2.54	12.46	25.80
30500	22.42	25.30	1.04	1.26	2.52	16.00	25.97
31000	22.26	25.45	1.10	1.25	2.50	14.04	25.88
31500	22.03	23.92	1.29	1.25	2.79	14.49	25.92
32000	21.72	24.13	1.55	1.24	3.05	15.18	26.12



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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