

Wideband Amplifier

ZVA-183G+

Typical Performance Data

| Frequency (MHz) | Gain (dB) 15V | Directivity (dB) 15V | VSWR In (:1) 15V | VSWR Out (:1) 15V | Noise Figure (dB) 15V | Pout at 1dB Compression (dBm) 15V | Pout at 3dB Compression (dBm) 15V | Output IP3 (dBm) 15V |
|-----------------|---------------|----------------------|------------------|-------------------|-----------------------|-----------------------------------|-----------------------------------|----------------------|
| 500 | 36.90 | 45.00 | 1.84 | 1.96 | 3.73 | 24.80 | 26.70 | 35.10 |
| 1000 | 38.70 | 51.00 | 1.61 | 1.70 | 2.67 | 26.10 | 28.10 | 36.60 |
| 2000 | 38.80 | 52.00 | 1.38 | 1.68 | 2.39 | 26.00 | 28.20 | 36.80 |
| 3000 | 39.30 | 54.00 | 1.47 | 1.39 | 2.37 | 26.60 | 28.70 | 37.10 |
| 4000 | 39.40 | 46.00 | 1.58 | 1.17 | 2.25 | 26.70 | 28.90 | 37.10 |
| 5000 | 39.40 | 48.00 | 1.54 | 1.14 | 2.25 | 27.40 | 29.60 | 37.20 |
| 6000 | 39.00 | 49.00 | 1.36 | 1.24 | 2.04 | 27.40 | 29.60 | 37.20 |
| 7000 | 38.80 | 57.00 | 1.27 | 1.19 | 2.06 | 27.50 | 29.50 | 37.20 |
| 8000 | 37.90 | 40.00 | 1.14 | 1.17 | 1.98 | 27.20 | 28.80 | 37.20 |
| 9000 | 37.60 | 47.00 | 1.19 | 1.12 | 2.09 | 26.80 | 28.70 | 36.80 |
| 10000 | 38.10 | 42.00 | 1.43 | 1.07 | 2.23 | 26.30 | 28.00 | 35.80 |
| 11000 | 38.10 | 49.00 | 1.49 | 1.15 | 2.21 | 26.20 | 27.80 | 35.60 |
| 12000 | 37.70 | 40.00 | 1.26 | 1.15 | 2.29 | 26.00 | 27.40 | 35.80 |
| 13000 | 38.10 | 40.00 | 1.17 | 1.03 | 2.34 | 25.60 | 27.20 | 35.60 |
| 14000 | 37.80 | 38.00 | 1.39 | 1.25 | 2.49 | 25.20 | 27.30 | 35.10 |
| 15000 | 36.90 | 40.00 | 1.49 | 1.53 | 2.59 | 25.20 | 27.30 | 34.70 |
| 16000 | 37.70 | 30.00 | 1.42 | 1.42 | 2.65 | 24.80 | 27.10 | 33.40 |
| 17000 | 37.10 | 32.00 | 1.42 | 1.37 | 2.70 | 24.70 | 26.60 | 33.20 |
| 18000 | 36.60 | 30.00 | 1.35 | 1.51 | 3.22 | 24.50 | 26.20 | 33.90 |



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
ZVA-183G+
8/4/2017
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