



ZHM-4000/2 MIL GRADE AMPLIFIER

- 1.6-Watts Minimum Output Power,
- 6 dB Noise Figure
- 38 dBm OIP3 Typ
- <39 dB

ZHM-4000/2 This is a high power broadband amplifier for labs or testing purposes. This amplifier is excellent for frequencies from 10 MHz- 4500 MHz. The gain is over 39 dB. The maximum power is 1.6 W. Maximum required driving power is only 1 mW. This amplifier can be used for lab testing or TV applications since the linearity are excellent.



| FREQUENCY (MHz) | GAIN (dB) | | | DIRECTIVITY (dB) | | | POUT at 1 dB COMPR. (dBm) |
|--------------------|--------------|-------|-------|---------------------|-------|-------|------------------------------|
| | 12V | 15V | 16V | 12V | 15V | 16V | |
| 10.00 | 36.97 | 39.07 | 39.10 | 31.80 | 26.60 | 34.90 | 29.85 |
| 21.40 | 37.54 | 39.56 | 39.57 | 35.70 | 22.60 | 47.00 | 30.46 |
| 67.00 | 37.09 | 39.04 | 39.06 | 45.10 | 26.60 | 34.20 | 30.48 |
| 209.90 | 37.15 | 39.07 | 39.06 | 37.50 | 41.30 | 33.20 | 30.43 |
| 657.20 | 37.83 | 39.51 | 39.49 | 28.90 | 27.50 | 35.10 | 30.93 |
| 1514.10 | 38.00 | 39.68 | 39.68 | 25.20 | 23.10 | 27.60 | 31.83 |
| 1836.40 | 37.56 | 39.53 | 39.56 | 36.50 | 25.10 | 25.80 | 32.08 |
| 2158.70 | 37.54 | 39.51 | 39.53 | 22.60 | 28.10 | 28.10 | 31.98 |
| 2373.60 | 37.73 | 39.62 | 39.61 | 20.70 | 41.50 | 23.00 | 31.32 |
| 2588.50 | 37.92 | 39.53 | 39.51 | 20.10 | 26.00 | 29.00 | 31.09 |
| 2910.80 | 37.39 | 38.89 | 38.92 | 33.30 | 30.50 | 28.10 | 31.79 |
| 3233.10 | 37.41 | 39.14 | 39.16 | 25.10 | 38.00 | 19.80 | 30.87 |
| 3555.40 | 38.69 | 40.23 | 40.23 | 28.30 | 27.30 | 26.30 | 30.82 |
| 3877.70 | 38.70 | 39.58 | 39.55 | 29.80 | 21.00 | 20.90 | 30.42 |
| 4500.00 | 38.96 | 40.09 | 40.07 | 32.20 | 21.80 | 37.40 | 30.13 |

