

High Power Amplifier

LZY-22+

Typical Performance Data

| FREQ. (MHz) | GAIN (dB) 24V | DIRECTIVITY (dB) 24V | VSWR (:1) | | NOISE FIGURE (dB) 24V | POUT @ 1 dB COMPRESSION (dBm) 24V | OUTPUT IP3 (dBm) 24V |
|----------------|---------------------|----------------------------|-----------|------------|--------------------------------|--|----------------------------|
| | | | IN 24V | OUT 24V | | | |
| 0.1 | 45.61 | 22.22 | 1.26 | 3.36 | -- | 41.93 | 53.37 |
| 0.7 | 45.30 | 21.72 | 1.20 | 3.72 | -- | 42.38 | 55.84 |
| 1.0 | 45.34 | 21.74 | 1.21 | 3.72 | -- | 42.45 | 55.89 |
| 2.0 | 45.28 | 22.68 | 1.20 | 3.71 | -- | 42.47 | 55.96 |
| 5.0 | 45.06 | 25.54 | 1.20 | 3.75 | -- | 42.55 | 56.00 |
| 10.0 | 44.81 | 23.79 | 1.21 | 3.80 | 8.78 | 42.36 | 56.03 |
| 30.0 | 44.37 | 24.74 | 1.33 | 3.58 | 8.31 | 43.21 | 55.23 |
| 50.0 | 43.78 | 25.79 | 1.38 | 3.05 | 8.07 | 43.25 | 53.09 |
| 70.0 | 44.40 | 24.81 | 1.37 | 1.91 | 8.26 | 42.41 | 51.20 |
| 90.0 | 44.59 | 24.14 | 1.31 | 1.22 | 8.33 | 41.60 | 50.17 |
| 100.0 | 44.73 | 24.08 | 1.28 | 1.05 | 8.31 | 41.98 | 50.22 |
| 120.0 | 44.36 | 25.25 | 1.22 | 1.56 | 8.18 | 43.38 | 51.61 |
| 160.0 | 44.20 | 26.43 | 1.07 | 1.81 | 8.18 | 43.96 | 52.27 |
| 180.0 | 44.32 | 26.07 | 1.08 | 1.55 | 8.27 | 42.83 | 51.66 |
| 200.0 | 43.86 | 28.10 | 1.10 | 1.33 | 8.30 | 41.39 | 50.36 |



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
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IF/RF MICROWAVE COMPONENTS

REV. X1
LZY-22+
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