

Frequency Multiplier (Doubler)

RK-2+

Typical Performance Data

| FREQUENCY (MHz) | | | | CONVERSION LOSS (dB) | HARMONIC OUTPUT* | | |
|--------------------|------------|------------|------------|----------------------------|------------------|------------|------------|
| X 1 OUTPUT | X 2 OUTPUT | X 3 OUTPUT | X 4 OUTPUT | X 2 OUTPUT | X 1 OUTPUT | X 3 OUTPUT | X 4 OUTPUT |
| 1 | 2 | 3 | 4 | 15.26 | 48.20 | 57.00 | 13.70 |
| 5 | 10 | 15 | 20 | 13.06 | 48.70 | 57.80 | 13.80 |
| 10 | 20 | 30 | 40 | 12.72 | 49.80 | 59.00 | 16.00 |
| 25 | 50 | 75 | 100 | 13.52 | 43.60 | 58.00 | 16.20 |
| 50 | 100 | 150 | 200 | 12.74 | 39.00 | 52.20 | 16.90 |
| 100 | 200 | 300 | 400 | 13.04 | 33.60 | 43.60 | 17.00 |
| 200 | 400 | 600 | 800 | 13.06 | 27.20 | 36.40 | 20.60 |
| 300 | 600 | 900 | 1200 | 13.28 | 23.70 | 31.60 | 24.20 |
| 400 | 800 | 1200 | 1600 | 14.00 | 18.90 | 32.20 | 25.90 |
| 500 | 1000 | 1500 | 2000 | 15.04 | 16.00 | 33.70 | 26.20 |

*Harmonic Output below power level of X 2 Output .