

Frequency Multiplier (Doublers)

FK-5

Typical Performance Data

| FREQUENCY (MHz) | | | | CONVERSION LOSS (dB) | HARMONIC OUTPUT* (-dBc) | | |
|--------------------|------------|------------|------------|----------------------------|----------------------------|------------|------------|
| X 1 OUTPUT | X 2 OUTPUT | X 3 OUTPUT | X 4 OUTPUT | X 2 OUTPUT | X 1 OUTPUT | X 3 OUTPUT | X 4 OUTPUT |
| 10 | 20 | 30 | 40 | 12.28 | 20.30 | 26.20 | 15.60 |
| 25 | 50 | 75 | 100 | 12.35 | 21.40 | 27.00 | 13.60 |
| 50 | 100 | 150 | 200 | 12.31 | 22.00 | 27.30 | 14.30 |
| 75 | 150 | 225 | 300 | 12.35 | 22.00 | 26.00 | 14.60 |
| 100 | 200 | 300 | 400 | 12.27 | 21.80 | 25.20 | 14.40 |
| 200 | 400 | 600 | 800 | 12.27 | 24.80 | 28.30 | 15.00 |
| 400 | 800 | 1200 | 1600 | 13.42 | 20.00 | 33.40 | 15.20 |
| 600 | 1200 | 1800 | 2400 | 12.09 | 16.20 | 26.80 | 23.20 |
| 800 | 1600 | 2400 | 3200 | 12.92 | 15.60 | 28.70 | 24.20 |
| 1000 | 2000 | 3000 | 4000 | 14.71 | 15.30 | 30.70 | 26.70 |

*Harmonic Output below power level of X 2 Output .

