

# Frequency Multiplier (Doublers)

**KBA-40**

## 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
				(-dBc)			
2700	5400	8100	10800	14.26	27.19	35.82	15.80
2750	5500	8250	11000	13.90	26.33	40.98	16.70
2900	5800	8700	11600	12.84	21.84	33.70	19.39
3000	6000	9000	12000	12.90	22.03	34.30	21.18
3200	6400	9600	12800	13.59	25.82	43.18	20.79
3600	7200	10800	14400	10.77	23.96	26.54	24.70
3800	7600	11400	15200	11.60	18.24	23.18	31.24
4000	8000	12000	16000	12.09	17.42	21.89	34.19
4400	8800	13200	17600	13.44	19.00	34.16	36.27
4800	9600	14400	19200	13.61	18.85	29.53	38.03

\*Harmonic Output below power level of X 2 Output .

