

Frequency Multiplier (Doublers)

AK-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
1	2	3	4	13.72	50.00	58.00	13.90
5	10	15	20	12.35	50.80	57.00	15.00
10	20	30	40	12.29	57.70	64.00	18.00
25	50	75	100	12.34	51.00	64.00	18.50
50	100	150	200	12.47	47.20	60.80	18.70
100	200	300	400	12.35	41.80	55.20	18.90
200	400	600	800	12.26	33.40	50.00	20.80
300	600	900	1200	12.94	35.60	53.60	22.00
400	800	1200	1600	13.94	34.00	34.50	24.40
500	1000	1500	2000	13.88	38.20	32.50	29.60

*Harmonic Output below power level of X 2 Output .