

Frequency Multiplier (Doublers)

AK-3000+

Typical Performance Data

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT*		
X 1 OUTPUT	X 2 OUTPUT	X 3 OUTPUT	X 4 OUTPUT		X 1 OUTPUT	X 3 OUTPUT	X 4 OUTPUT
70	140	210	280	10.32	49.20	51.20	15.70
100	200	300	400	10.54	50.60	54.20	15.60
200	400	600	800	10.39	43.70	54.10	16.90
450	900	1350	1800	10.94	34.30	46.80	15.60
500	1000	1500	2000	10.91	34.80	47.80	14.90
700	1400	2100	2800	10.69	29.70	43.40	16.90
900	1800	2700	3600	10.56	28.10	39.50	23.10
1000	2000	3000	4000	10.82	25.80	33.90	21.70
1200	2400	3600	4800	12.43	25.10	42.90	25.60
1500	3000	4500	6000	13.30	21.90	29.70	40.20

*Harmonic Output below power level of X 2 Output .