

Frequency Multiplier (Doublers)

SYK-2R+

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)			
10	20	30	40	10.70	42.42	46.82	16.42
35	70	105	140	10.18	53.30	62.08	17.36
65	130	195	260	10.10	53.60	56.32	18.56
100	200	300	400	10.39	51.67	53.85	17.49
250	500	750	1000	10.46	42.71	50.14	18.94
500	1000	1500	2000	10.81	36.79	42.16	16.36
750	1500	2250	3000	11.14	28.68	36.07	18.60
850	1700	2550	3400	11.78	26.29	31.08	17.82
950	1900	2850	3800	11.83	25.85	29.19	19.43
1000	2000	3000	4000	11.61	25.54	30.74	21.25

*Harmonic Output below power level of X 2 Output .