



**High Performance Frequency Doublers**  
*Typical and Guaranteed Specifications—50 Ω System*

Model	Frequency MHz		Power In dBm LO	Conversion Loss dB		Fund Supp. dBc		3rd Harmonic Supp. dBc		5th Harmonic Supp. dBc	
	Input	Output		Typ.	Max.	Typ.	Min.	Typ.	Min.	Typ.	Min.
<b>Available in Surface Mount Mixer, SMTO-8, and Cougar MixerPak</b>											
FDS6005	0.05-1500	0.1-3000	13	10.5	12.0	35	25	45	30	53	43
	0.05-3000	0.1-6000	13	12.0	14.0	35	25	45	30		
FDMP20401	3000-8000	6000-16000	10	10.0	11.5	38	28	50	40	50	42
	2000-10000	4000-20000	10	10.5	12.0	38	28	50	40		
FDMP24601	3000-12000	6000-24000		11.0	13.5	25	30	28	35	48	38