

# HIGH FREQUENCY COMB (HARMONIC) GENERATORS

## 2 - 75 GHz



- . Very High Output Frequency Spectrum (from 50-75 GHz)
- . No Bias Required
- . Input Matched to 50 Ohms
- . Very Low Phase Noise
- . Custom Input Freq. available from 2-10 GHz
- . Option for Enhanced Assembly for Severe Vibration Environment
- . Option for Waveguide (WR-15) or Coaxial Connector (1.85mm) output



Typical Performance @ Pin = +27 dBm @ + 25 Deg. C (Preliminary)

MODEL	INPUT FREQ. (GHz)	MAX INPUT VSWR	TYPICAL OUTPUT POWER PER PICKET (dBm)		INPUT CONNECTOR	OUTPUT CONNECTOR
			50 – 60 GHz	60 – 75 GHz		
GC2-5075W/GA	2	2.1	-30	-40	SMA (F)	WR-15 / UG385U
GC2-5075M18A	2	2.1	-30	-40	SMA (M)	1.85 mm Female
GC2-5075F18A	2	2.1	-30	-40	SMA (F)	1.85mm Female
GC3-5075W/GA	3	2.1	-30	-40	SMA (F)	WR-15 / UG385U
GC3-5075M18A	3	2.1	-30	-40	SMA (M)	1.85 mm Female
GC3-5075F18A	3	2.1	-30	-40	SMA (F)	1.85 mm Female
GC4-5075W/GA	4	2.1	-25	-35	SMA (F)	WR-15 / UG385U
GC4-5075M18A	4	2.1	-25	-35	SMA (M)	1.85mm Female
GC4-5075F18A	4	2.1	-25	-35	SMA (F)	1.85 mm Female
GC5-5075W/GA	5	2.1	-25	-35	SMA (F)	WR-15 / UG385U
GC5-5075M18A	5	2.1	-25	-35	SMA (M)	1.85 mm Female
GC5-5075F18A	5	2.1	-25	-35	SMA (F)	1.85 mm Female



Custom Designs: Please call for Detailed Brochures  
 Other Herotek Products: Detectors, Amplifiers, Switches, Limiters, Impulse Generators, Multipliers, Integrated Subassemblies



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