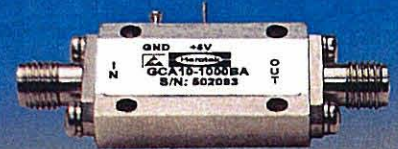


NEW COMB GENERATOR

**Broad Input Frequency Band (10 MHz to 1000 MHz)
and High Harmonic Frequency Output (up to 18 GHz)**

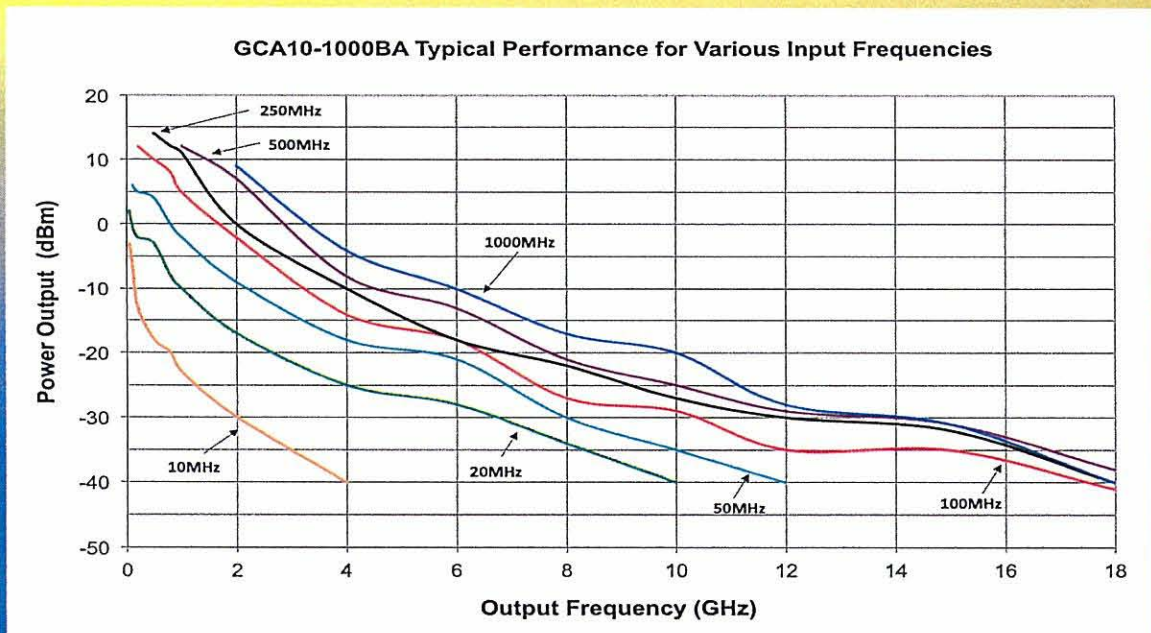
Features:

- Matched circuit for any input frequency between 10 MHz and 1000 MHz.
- Single unit for continuous input frequency change from 10 MHz to 1000 MHz (100 : 1 frequency ratio).
- Harmonics output as high as 18 GHz.



Typical performance @ +25°C (Preliminary)

Model	Input Freq. (MHz)	Input Power (dBm)	Input VSWR (max)	Typ. Output of Harmonics Over Output Freq. Range (dBm)					Typ Bias Current +5 V DC (mA)
				Up to 1 GHz	1-2 GHz	2-5 GHz	5-10 GHz	10-18 GHz	
GCA10-1000BA	10	+10	2 : 1	0 to -20	-20 to -30	-30 to -40	x	x	150-250
	20-50			0 to -10	-10 to -20	-20 to -30	-30 to -40	x	
	50-100			+5 to -5	+5 to -10	-10 to -20	-20 to -30	-30 to -40	
	100-250			+10 to 0	+5 to -5	+5 to -15	-15 to -30	-30 to -40	
	250-500			+15 to +10	+10 to +5	+5 to -10	-10 to -30	-30 to -40	
	500-1000			+10 to +5	+10 to +5	+5 to -10	-10 to -30	-30 to -40	



Other Herotek Products: Detectors . Limiters . Amplifiers . Switches
. Multipliers . Integrated Subassemblies

Made in U. S. A.

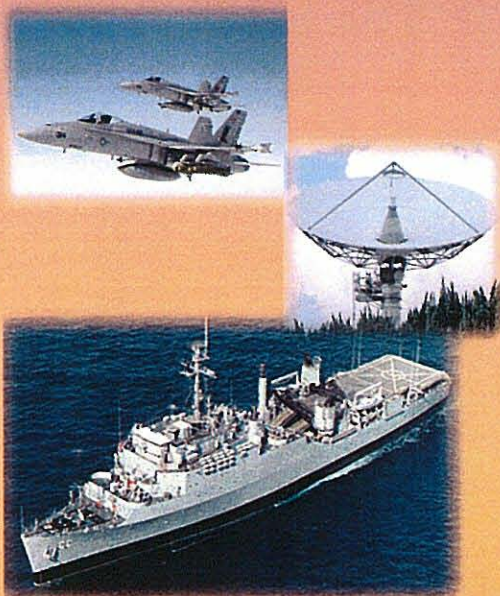


ISO 9001-2008 Certified

X - BAND HIGH POWER LIMITER

8-12 GHz, 100 Watt CW, 1 KW Peak

- High power protection 100W CW and 1 KW peak (1 Microsec pulse width).
- Very low leakage level (+10 dBm typical).
- Low insertion loss and VSWR.
- Ideal for Radar Application.
- Fast recovery time, 1 Microsec typical.
- Built-in DC block @ input and output.
- Hermetically sealed module.



“ In Stock ”

Typical Performance @ + 25 Deg. C

MODEL	FREQ. RANGE (GHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM ² THRESHOLD (dBm)	MAX ³ INPUT CW (Watt)	MAX INPUT ³ PEAK PULSE WIDTH (Watt)	TYPICAL LEAKAGE		
							@ 1 W CW INPUT (dBm)	@ 25 W CW INPUT (dBm)	@ 100 W CW INPUT (dBm)
LS0812PP100A	8 - 12	2.0	2:1	+4	100	1000	+6	+10	+13

Note 1: Insertion loss and VSWR tested @ -10dBm

Note 2: Limiting threshold level @ input power which makes insertion loss 1 dB higher than that @ -10 dBm.

Note 3: Power rating derated to 20% @ +125 Deg C.



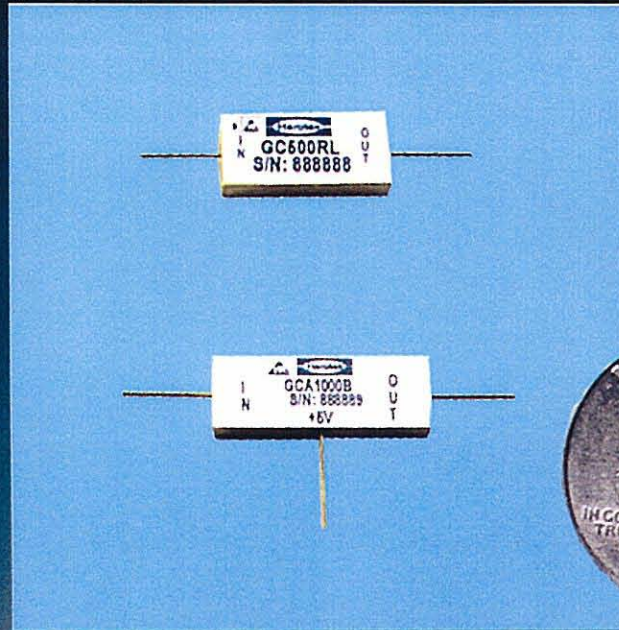
Custom Designs: Please call for Detailed Brochures
Other Herotek Products: Detectors, Amplifiers, Switches, Comb Generators, Impulse Generators, Multipliers, Integrated Subassemblies



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 Email: Info@herotek.com . Website: www.herotek.com . Visa/MasterCard Accepted

Miniature DROP-IN Comb Generators

NEW



Features:

- Options for Input Drive of 0 dBm or +10 dBm
- Low Bias Voltage (+5 +/- 0.2V)
- Broadband Output Spectrum
- Hermetically Sealed Module
- Custom Input Frequency Available from 10 MHz to 10 GHz
- Drop in Module (0.750"L x 0.248" W x 0.130"T)

MODEL	INPUT FREQ. (MHz)	INPUT POWER (dBm)	OUTPUT FREQ (GHz)	OUTLINE
GC100 RL	100	+27	18	L
GC200 RL	200	+27	18	L
GC250 RL	250	+27	18	L
GC500 RL	500	+27	18	L
GC1000 RL	1000	+27	18	L
GC0526 RL	500	+27	26	L
GC1026 RL	1000	+27	26	L
GC1526 RL	1500	+27	26	L
GC2026 RL	2000	+27	26	L
GCA250A N3	250	0	18	N3
GCA250B N3		+10		
GCA500A N3	500	0	18	N3
GCA500B N3		+10		
GCA1000A N3	1000	0	18	N3
GCA1000B N3		+10		
GCA0526A N3	500	0	26	N3
GCA0526B N3		+10		
GCA1026A N3	1000	0	26	N3
GCA1026B N3		+10		
GCA1526A N3	1500	0	26	N3
GCA1526B N3		+10		
GCA2026A N3	2000	0	26	N3
GCA2026B N3		+10		



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