

# HIGH POWER LIMITERS

## LOW FREQUENCY BROAD BAND

### 100 WATT CW, 10 MHz - 3000 MHz



- Frequency range down to very low frequency (10 MHz)
- Available single unit covering 10 MHz to 3 GHz (LS00130P100A)
- Low insertion loss and VSWR
- 100 Watt CW and 1000 Watt Peak (1 Microsec pulse width) power handling capability.
- Built-in DC block @ input and output
- Hermetically sealed module



#### Typical Performance @ + 25 Deg. C (Preliminary)

MODEL	FREQUENCY RANGE (MHz)	MAXIMUM <sup>1</sup> INSERTION LOSS (dB)	MAX <sup>1</sup> VSWR	TYP LIM THRESHOLD (dBm)	TYP LEAKAGE <sup>3</sup>		
					@ 1 W CW INPUT (dBm)	@10 W CW INPUT (dBm)	@100 W CW INPUT (dBm)
LS00105 P100A	10 – 500	0.4	1.3:1				
LS00110 P100A	10 – 1000	0.6	1.5:1	+6	+14	+18	+20
LS00120 P100A	10 – 2000	0.8	1.7:1				
LS00130 P100A	10 – 3000	1.0	2 :1				

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

**Note 2:** Power rating derated to 20% @ +125 Deg C.

**Note 3:** Leakage slightly higher at frequencies below 100 MHz.



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**Other Herotek Products: Detectors, Amplifiers, Switches, Comb Generators, Impulse Generators, Multipliers, Integrated Subassemblies**

