

# MEDIUM POWER LIMITERS LOW FREQUENCY BROAD BAND 10 WATT CW, 10 MHz - 6000 MHz



- Frequency range down to very low frequency (10 MHz)
- Available single unit covering 10 MHz to 6 GHz (LS00160 P10A)
- Extremely low insertion loss and VSWR
- 10 Watt CW and 200 Watt Peak (1 Microsec) power handling capability
- Built-in DC block @ input and output
- Hermetically sealed module



## Typical Performance @ + 25 Deg. C

MODEL	FREQUENCY RANGE (MHz)	MAXIMUM <sup>1</sup> INSERTION LOSS (dB)	MAX <sup>1</sup> VSWR	TYP LIM THRESHOLD (dBm)	MAX LEAKAGE <sup>3</sup>	
					@ 1W CW INPUT (dBm)	@ 10 W CW <sup>2</sup> INPUT (dBm)
LS00110 P10A	10 - 1000	0.40	1.15:1	+6	+14	+18
LS00120 P10A	10 - 2000	0.50	1.20:1			
LS00130 P10A	10 - 3000	0.60	1.20:1			
LS00140 P10A	10 - 4000	0.70	1.30:1			
LS00160 P10A	10 - 6000	1.30	1.40:1			
LS00210 P10A	20 - 1000	0.40	1.15:1	+6	+14	+18
LS00220 P10A	20 - 2000	0.50	1.20:1			
LS00230 P10A	20 - 3000	0.60	1.20:1			
LS00240 P10A	20 - 4000	0.70	1.30:1			
LS00260 P10A	20 - 6000	1.30	1.40:1			
LS00510 P10A	50 - 1000	0.40	1.15:1	+6	+14	+18
LS00520 P10A	50 - 2000	0.50	1.20:1			
LS00530 P10A	50 - 3000	0.60	1.20:1			
LS00540 P10A	50 - 4000	0.70	1.30:1			
LS00560 P10A	50 - 6000	1.20	1.40:1			

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

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

**Note 3:** Leakage +16 dBm maximum for 1 W CW input, +21 dBm for 10W CW input for frequencies below 100 MHz.



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



155 Baytech Drive, San Jose, CA 95134 . Tel: (408) 941-8399 . Fax: (408) 941-8388  
 Email: Info@herotek.com . Website: www.herotek.com . Visa/MasterCard Accepted