

# 



- 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                 | +6                      | +14                      | +18                  | +20                   |
| LS00110 P100A | 10 – 1000             | 0.6                                      | 1.5:1                 |                         |                          |                      |                       |
| 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.



**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