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)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FREQUENCY RANGE (MHz)</th>
<th>MAXIMUM 1 INSERTION LOSS (dB)</th>
<th>MAX 1 VSWR</th>
<th>TYP LIM THRESHOLD (dBm)</th>
<th>TYP LEAKAGE 2 @ 1 W CW INPUT (dBm)</th>
<th>TYP LEAKAGE 2 @ 10 W CW INPUT (dBm)</th>
<th>TYP LEAKAGE 2 @ 100 W CW INPUT (dBm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS00105 P100A</td>
<td>10 – 500</td>
<td>0.4</td>
<td>1.3:1</td>
<td>+6</td>
<td>+14</td>
<td>+18</td>
<td>+20</td>
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<tr>
<td>LS00110 P100A</td>
<td>10 – 1000</td>
<td>0.6</td>
<td>1.5:1</td>
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<td></td>
<td></td>
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<tr>
<td>LS00120 P100A</td>
<td>10 – 2000</td>
<td>0.8</td>
<td>1.7:1</td>
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</tr>
<tr>
<td>LS00130 P100A</td>
<td>10 – 3000</td>
<td>1.0</td>
<td>2.1</td>
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</tr>
</tbody>
</table>

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

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