

HIGH POWER BROAD BAND LIMITERS

40 WATT CW, 0.5 - 12 GHz



- Low Limiting Threshold (+6 dBm Typical)
- 40 Watt CW and 200 Watt Peak (1 Microsec) power handling capability
- Built-in DC block @ input and output
- Hermetically sealed module
- Typical Recovery Time is less than 10 Microsec.



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

MODEL	FREQUENCY RANGE (GHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM THRESHOLD (dBm)	MAX LEAKAGE	
					@ 1W CW INPUT (dBm)	@ 40 W CW ² INPUT (dBm)
LS0510 P40A	0.5 – 1.0	0.5	1.4:1	+6	+14	+21
LS0520 P40A	0.5 – 2.0	0.6	1.4:1	+6	+14	+21
LS0540 P40A	0.5 – 4.0	0.7	1.4:1	+6	+14	+21
LS0560 P40A	0.5 – 6.0	1.3	1.5:1	+6	+14	+21
LS05012 P40A	0.5 – 12.0	1.7	1.6:1	+6	+14	+21
LS1020 P40A	1.0 – 2.0	0.6	1.4:1	+6	+14	+21
LS1060 P40A	1.0 – 6.0	1.2	1.5:1	+6	+14	+21
LS1012 P40A	1.0 – 12.0	1.6	1.6:1	+6	+14	+21
LS2040 P40A	2.0 – 4.0	0.7	1.4:1	+6	+14	+20
LS2060 P40A	2.0 – 6.0	1.3	1.5:1	+6	+14	+20
LS2080 P40A	2.0 – 8.0	1.4	1.6:1	+6	+14	+20
LS4080 P40A	4.0 – 8.0	1.4	1.5:1	+6	+13	+20
LS7012 P40A	7.0 – 12.0	1.6	1.6:1	+6	+13	+18

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

Note 2: 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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