

# HIGH POWER BROAD BAND LIMITERS

## 25 WATT CW, 0.5 - 12 GHz



- Low limiting threshold (+6 dBm Typical+)
- 25 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 <sup>1</sup> INSERTION LOSS (dB)	MAX <sup>1</sup> VSWR	TYP LIM THRESHOLD (dBm)	MAX LEAKAGE	
					@ 1W CW INPUT (dBm)	@ 25 W CW INPUT (dBm) <sup>2</sup>
LS0510 P25A	0.5 – 1.0	0.5	1.4:1	+6	+14	+20
LS0520 P25A	0.5 – 2.0	0.6	1.4:1	+6	+14	+20
LS0540 P25A	0.5 – 4.0	0.7	1.4:1	+6	+14	+20
LS0560 P25A	0.5 – 6.0	1.3	1.5:1	+6	+14	+20
LS05012 P25A	0.5 – 12.0	1.7	1.6:1	+6	+14	+20
LS1020 P25A	1.0 – 2.0	0.6	1.4:1	+6	+14	+20
LS1060 P25A	1.0 – 6.0	1.2	1.5:1	+6	+14	+20
LS1012 P25A	1.0 – 12.0	1.6	1.6:1	+6	+14	+20
LS2040 P25A	2.0 – 4.0	0.7	1.4:1	+6	+14	+20
LS2060 P25A	2.0 – 6.0	1.2	1.5:1	+6	+14	+20
LS2080 P25A	2.0 – 8.0	1.3	1.6:1	+6	+14	+20
LS4080 P25A	4.0 – 8.0	1.3	1.5:1	+6	+13	+18
LS7012 P25A	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.



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