

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 (Preliminary)

MODEL	FREQUENCY RANGE (MHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM THRESHOLD (dBm)	MAX LEAKAGE ³	
					@ 1W CW INPUT (dBm)	@ 10 W CW 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.



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