

FEATURES

- Frequency range down to very low frequency (10 MHz).
- Available single unit covering 10MHz to 6GHz. (LS00160P10A)
- Extremely low insertion loss and VSWR
- 10 Watt CW and 200Watt Peak (1 μ sec, 0.1% duty cycle) power handling capability
- Built-In DC Block @ Input and Output
- Hermetically Sealed Module

APPLICATIONS

- Front End Protection for LNA's
- Receiver Protection
- Lab Use

ENVIRONMENTAL RATINGS

Max Input Power².....10 Watt CW
 & 200W Peak (μ sec) Power Handling Capability
 Operating Temperature Range.....-55°C to +125°C
 Storage Temperature Range.....-65°C to +125°C
 Shock..... 50G, 11 msec
 Vibration..... 20G, 100 to 2000

Specifications: (@ +25°C)

MODEL	FREQ. RANGE (MHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM THRESHOLD (dBm)	Max LEAKAGE ³		PACKAGE STYLE
					@ 1 W CW INPUT (dBm)	@ 100 W CW ² INPUT (dBm)	
LS00110P10A	10-1000	0.40	1.15:1	+6	+14	+18	1E
LS00120P10A	10-2000	0.50	1.20:1	+6	+14	+18	1E
LS00130P10A	10-3000	0.60	1.20:1	+6	+14	+18	1E
LS00140P10A	10-4000	0.70	1.30:1	+6	+14	+18	1E
LS00160P10A	10-6000	1.30	1.40:1	+6	+14	+18	1E
LS00210P10A	20-1000	0.40	1.15:1	+6	+14	+18	1E
LS00220P10A	20-2000	0.50	1.20:1	+6	+14	+18	1E
LS00230P10A	20-3000	0.60	1.20:1	+6	+14	+18	1E
LS00240P10A	20-4000	0.70	1.30:1	+6	+14	+18	1E
LS00260P10A	20-6000	1.30	1.40:1	+6	+14	+18	1E
LS00510P10A	50-1000	0.40	1.15:1	+6	+14	+18	1E
LS00520P10A	50-2000	0.50	1.20:1	+ 6	+14	+18	1E
LS00530P10A	50-3000	0.60	1.20:1	+ 6	+14	+18	1E
LS00540P10A	50-4000	0.70	1.30:1	+ 6	+14	+18	1E
LS00560P10A	50-6000	1.20	1.40:1	+ 6	+14	+18	1E

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

Note 2: Power rating minimum power handling capability: 10W CW or 200W peak (1 μ sec, 0.1% duty) derate to 20% @+125°C.

Note 3: Leakage +16 dBm maximum for 1 W CW input, +21 dBm for 10W CW input for frequencies below 100MHz.

For Package Outlines see Outline Drawings Page