



## ACTIVE LIMITERS ( LAL Series )

### FEATURES:

- \*Wide Frequency Range from 5MHz-40GHz
- \*Power Handling from 1W to 50W CW
- \*Low Insertion Loss
- \*Low Leakage
- \*Recovery Time Less Than 10uS
- \*Excellent VSWR

### APPLICATIONS:

- \*Test Set-Up
- \*Receiver Protection
- \*Power Levelling

### DESCRIPTIONS:

LTC MICROWAVE LAL series active limiters are designed for use in a wide range of general purposes applications such laboratory test equipment, instrumentation and other applications. Reliable operation is achieved using rugged stripline circuit construction.

### SPECIFICATIONS:

MODEL NUMBER	Frequency Range (GHz)	Insertion Loss (dB) Typ	VSWR (Max)	Typ LIM Threshold (dBm)	Max Leakage @ 1W CW Input (dBm)	Connectors	Size
LALH5U504S	0.005-0.5	0.4	1.2	+7	+14	SMA	*
LALV10205S	0.010-2.0	0.5	1.4	+7	+14	SMA	*
LALV10612S	0.010-6.0	1.2	1.4	+7	+14	SMA	*
LALV2U504S	0.020-0.5	0.4	1.2	+7	+14	SMA	*
LALV20205S	0.020-2.0	0.5	1.4	+7	+14	SMA	*
LALV20612S	0.020-6.0	1.2	1.4	+7	+14	SMA	*
LALV5U504S	0.050-0.5	0.4	1.2	+7	+14	SMA	*
LALV50205S	0.050-2.0	0.5	1.4	+7	+14	SMA	*
LALV50613S	0.050-6.0	1.3	1.4	+7	+14	SMA	*
LALU10613S	0.1-6.0	1.3	1.4	+7	+14	SMA	*
LALU50612S	0.5-6.0	1.2	1.4	+7	+14	SMA	*
LALU51216S	0.5-12	1.6	1.6	+7	+14	SMA	*
LALU51617S	0.5-16	1.7	1.6	+7	+14	SMA	*
LALU51822S	0.5-18	2.2	2.2	+7	+14	SMA	*
LAL010206S	1.0-2.0	0.6	1.4	+7	+14	SMA	*
LAL010407S	1.0-4.0	0.7	1.5	+7	+14	SMA	*
LAL010612S	1.0-6.0	1.2	1.5	+7	+14	SMA	*
LAL011216S	1.0-12	1.6	1.6	+7	+14	SMA	*
LAL020407S	2.0-4.0	0.7	1.4	+7	+14	SMA	*
LAL020813S	2.0-8.0	1.3	1.5	+7	+14	SMA	*
LAL021214S	2.0-12	1.4	1.6	+7	+14	SMA	*
LAL021822S	2.0-18	2.2	2.2	+7	+14	SMA	*
LAL061219S	6.0-12	1.9	1.8	+7	+13	SMA	*
LAL061822S	6.0-18	2.2	1.8	+7	+13	SMA	*
LAL071317S	7.0-13	1.7	1.6	+7	+13	SMA	*



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LAL081618S	8.0-16	1.8	1.7	+7	+13	SMA	*
LAL081822S	8.0-18	2.2	2.2	+7	+13	SMA	*
LAL101822S	10-18	2.2	2.2	+7	+10	SMA	*
LALU50205M	0.5-2.0	0.5	1.3:1	+9	+20	SMA	*
LAL021818M	2.0-18	1.8	1.9:1	-	18	SMA	*
LAL184045M	18-40	4.5	3.0:1	13	18	K	*

\*CONSULT THE FACTORY.

Note: Test Conditions: VSWR and Insertion Loss tested @ 0dBm power in @ 25 degree C. We design and develop per customer requirement. Please contact the factory.

OTHER FREQUENCY BANDS AND POWER LEVELS ARE ALSO AVAILABLE UPON REQUEST

LTC MICROWAVE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.