



## MEDIUM POWER AMPLIFIERS ( LMA Series )

### FEATURES:

- \*Coverage from 0.02-40GHz (Octave/Multi-Octave)
- \*Up to 1 Watts Output Power @ 1dB Comp Point
- \*Compact Thin-Film Construction
- \*Economically Priced

### APPLICATIONS:

- \*General High Power Laboratory RF Sources
- \*Output Amplifiers in Test Equipment (ATE)
- \*Driver Amplifiers in RF Distribution
- \*High Power Chain

### DESCRIPTIONS:

LTC MICROWAVE LMA series amplifiers are designed for use in a wide range of general purposes applications such as laboratory test equipment, instrumentation and other applications requiring high power output. Reliable operation is achieved using rugged strip-line circuit construction with selected GaAs FET devices.

### SPECIFICATIONS:

MODEL NUMBER	Frequency Range (GHz)	Gain (dB) Min	P1dB (dBm) Min	OIP3 (dBm) Typ	VSWR (In/Out) Max	Current @ 12VDC (mA) Typ	Connectors
LMAU5021227S	0.5-2.5	12	6.2	27	2.0:1	300	SMA-F
LMA05202020S	5.0-20.0	20	6.7	20	2.0:1	250	SMA-F
LMA06181620S	6.0-18.0	16	4.7	20	2.0:1	220	SMA-F
LMA09112827S	9.5-11.5	28	6.2	27	2.0:1	480	SMA-F
LMAH5042022S	0.05-4.0	20	1.7	22	2.0:1	150	SMA-F
LMA01022527S	1.0-2.0	25	5.0	27	2.0:1	800	SMA-F
LMAU6062528S	0.6-6.0	25	6.0	28	2.0:1	1000	SMA-F
LMAU5022525A	0.5-2.0	25 Typ	3.0 Typ	25 Typ	-	240 @ 15V	SMA-F
LMAV5021622A	0.05-2.5	16 Typ	3.0 Typ	22 Typ	-	180 @ 15V	SMA-F
LMAV2U56027A	0.02-0.5	60 Typ	1.6 Typ	27 Typ	-	450 @ 15V	SMA-F
LMAV2U54127A	0.02-0.5	41 Typ	1.5 Typ	27 Typ	-	320 @ 15V	SMA-F
LMAU5023325A	0.5-2.7	33 Typ	2.2 Typ	25 Typ	-	350 @ 15V	SMA-F
LMAU5023529A	0.5-2.0	35 Typ	2.5 Typ	29 Typ	-	900 @ 15V	SMA-F
LMAV1014226A	0.01-1.0	42 Typ	3.0 Typ	26 Typ	-	550 @ 15V	SMA-F
LMA1M5M1728A	0.01-0.05	17	5.0	28	1.6:1	220 @ 15V	SMA-F
LMA1M012230A	0.01-1.0	22	5.0 Typ	30	2.0:1	450 @ 15V	SMA-F
LMA02182423A	2.0-18.0	24 Typ	9.0 Typ	23 Typ	-	1100 @ 15V	SMA-F
LMAU8041020A	0.8-4.2	10 Typ	4.0 Typ	20 Typ	-	80 @ 12V	SMA-F
LMAU1022425A	0.1-2.0	24 Typ	4.5 Typ	25 Typ	-	220 @ 15V	SMA-F
LMAU1021225A	0.1-2.2	12 Typ	4.0 Typ	25 Typ	-	200 @ 15V	SMA-F
LMAU2021624A	0.2-2.5	16 Typ	5.0 Typ	24 Typ	-	220 @ 15V	SMA-F
LMAU4022224A	0.4-2.7	22 Typ	4.0 Typ	24 Typ	-	200 @ 15V	SMA-F
LMAV2031625A	0.02-3.0	16 Typ	8.0 Typ	25 Typ	-	350 @ 15V	SMA-F
LMA02181027	2.0-18.0	10	6.0	27	2.0:1	450	SMA-F

ALL THE ABOVE SPECIFICATIONS ARE @ 25 DEGREE C.

OTHER FREQUENCY BANDS & HIGHER POWER ARE ALSO AVAILABLE.

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