



**MODEL: LDA0510-XX  
TECHNICAL SPECIFICATIONS**

FREQUENCY RANGE:	500-1000 MHz (any 100 MHz)
RF POWER OUTPUT:	10, 20, 30 WATTS
RF POWER INPUT:	1 mW (TYP), 5.0 mW (MAX)
GAIN FLATNESS:	± 1.0 dB (TYP) ± 2.0 dB (MAX)
HARMONICS:	-20 dBc (TYP)
SPURIOUS:	-60 dBc (MIN)
VSWR (INPUT):	2:1 MAX
LOAD VSWR TOLERANCE:	1.2:1 FOR FULL POWER 10:1 WITH NO DAMAGE
D.C. POWER:	+28 VOLTS D.C. 4-8 AMPS (MAX)
RF CONNECTORS (IN/OUT):	TYPE SMA FEMALE
OPERATING TEMP. RANGE:	-30° C. TO +60° C.
SIZE:	6" X 3.8" X 1.3"

NOTE: ALL SPECIFICATIONS APPLY AT +28 VDC OPERATING POWER. REDUCING OPERATING POWER TO +24 VDC RESULTS IN SLIGHTLY LESS PERFORMANCE WITH IMPROVED MTBF. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

October 19, 2007