



# T&C Power Conversions, Inc.

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## LA25LD, BROAD BAND LINEAR AMPLIFIER

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### GENERAL

LA25LD is two air-cooled amplifiers in one enclosure, suitable for wide band applications in general industrial and laboratory applications.

### FEATURES

EMI/RFI filter  
MIL-STD and CE approved components

### APPLICATIONS

Communications  
EMC testing  
General laboratory use

### OPTIONAL FEATURES

Contact T&C for available options and pricing.



## SPECIFICATIONS

Operation	Linear Class "A"
Frequency of operation	10 kHz to 450 MHz min. "A": 10 kHz to 14 MHz, "B": 3 MHz min to 500 MHz
RF Power Output	Amplifier A: 4 Watts, Amplifier B: 25 Watts
Gain	"A" 36 dB, +/- 1dB, "B" 45 dB, +/- 1dB
RF Power Input Drive	-10 dBm to 0 dBm (1 mW) typical, +5 dBm max
Input and Output Impedance	50 Ohm
Input VSWR	1.2:1 max
Output VSWR	3:1 max
Harmonic level @ rated power	- 40 dBc , -25 dBc or better for third harmonic
Spurious Output	Greater than -55 dBc
RF Input / Output connectors	"N" type Female on rear panel, separate IN/OUT for each amplifier
Power Source	AC Input: 100 to 120 VAC / 200 to 240 VAC, 50/60 Hz
Power connection	EMI / RFI Filter with IEC Standard Power Entry
Cooling	Forced air
Dimensions (with hardware)	H 127 x W 480 x L 419 mm, (H 5" x W 19" x D 16.5")
Weight	~ 9 kg, (20 lbs.)
Mounting	Stand alone unit. (Front panel fits rack mount)
Case:	Front Panel and Cover: T&C Platinum
Operating Temperature	0°C to 40°C