



# RF-LAMBDA

The power beyond expectations

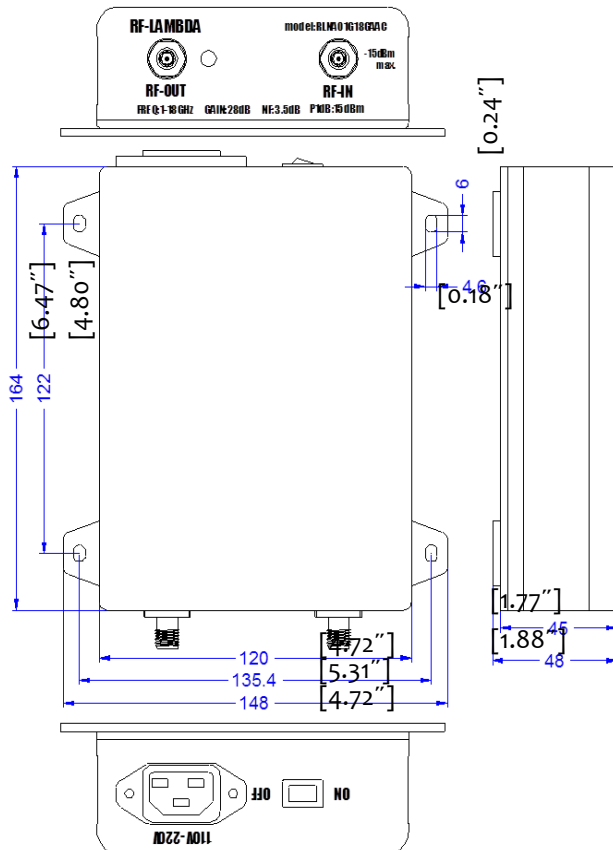
RAMP06G18GA

## AC Model Ultra Wide Band Low Noise Amplifier 1.0GHz~8.0GHz

- High Gain 25dB
- Applicable for base station, repeaters of cellular network
- LMDS multi-carrier operation
- Aerospace and military applications
- High Peak to average handle capability
- High Linearity and low noise figure
- All specifications can be modified upon request



Electrical Specifications			
Frequency :	6.0GHz-18.0GHz	P1dB	+30dBm
Noise Figure:	5.0dB typ. 7.0dB Max *	Out IP3:	+39dBm
Gain:	25dB	Output VSWR:	2.0 : 1
Gain Flatness:	+/-1.0dB	Input VSWR:	2.0 : 1
Input Power:	+6dBm (Max)	Power :	110VAC/220VAC



Mechanical Environmental Spec.	
Operation Temperature:	-40°C to 85°C base plate
Vibration:	14.2g RMS (15-2000Hz) functional
	16.2g RMS (15-2000Hz) endurance, 1 hour /axis
Connectors:	RF SMA-F / N-F Removable
	Supply RFI filter solder Pin (or 110V AC power plug)
Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Humidity	95% relative humidity, 65°C 96Hour
MTBF	50000 hour min
Case:	Conductive no paint
Dimension (L x W x H):	See Drawing (DC model) 7.87" X 4.72" X 1.00" (AC model)

AC Model Wide Band Medium Power 1W Amplifier 6-18GHz