

# ADEP T4000



## FEATURES:

- 1-18 GHz tunable RF options
- 1.4 GHz instantaneous bandwidth
- >60dB dynamic range
- 4 pipelined overlapping targets or 1024 stored mode targets
- All targets with independent phase, amplitude, Doppler and delay
- RGS, VGS, etc. & user programmable techniques through standard interfaces
- Airborne qualified
- Low power (75W), conduction cooled
- Optional solutions up to 128 pipelined targets
- 12 channel PRI tracker
- Random multiple false targets
- PRI range coherent false targets

FEATURES	SPECIFICATIONS
Frequency Range	3.2, 5.7 or 8-18 GHz tunable options
Targets	4 pipeline targets
Instantaneous Bandwidth	1.4 GHz
Bit Depth	12 in, 12 out
ADC Dynamic Range	>60dB
Pulse Width	15ns to CW
PRF Range	1Hz to 5MHz
Frequency Measurement (DFD)	Internal
PRI Tracker	Multi-channel Tracker w/ Dynamic Priority Routing
Target Delay	200ns up to 134us
Delay Resolution	0.667ns
Doppler Range	+/- 1MHz
Target Update Rate	>1KHz
Gain Flatness	+/- 1.5dB (1GHz IBW)
Operating Temperature	-40 to 65°C
Control Interface	RS 232 / 485/ parallel
Dimensions	3.0" x 5.5" x 11.9"
Weight	7.5lbs
Power	75W, 28VDC

