

ADEP T4000



ADEP T4000 FEATURES:

- 1-18GHz tunable RF options
- 1.4 GHz instantaneous bandwidth
- 72dB 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 option
- Random multiple false targets
- PRI range coherent false targets

FEATURES	SPECIFICATIONS
Frequency Range	3.2, 5.7 or 1-18GHz tunable options
Targets	4 pipeline targets
Instantaneous Bandwidth	1.4 GHz
Bit Depth	12 in, 12 out
Dynamic Range	72 dB
Pulse Width	15ns to CW
PRF Range	1Hz to 5MHz
Frequency Measurement (DFD)	Internal
PRI Tracker	Optional
Target Delay	200ns up to 134us
Delay Resolution	0.667ns
Doppler Range	+/-700MHz
Phase Resolution (internal)	0.006
Amplitude Resolution (internal)	0.1 dB
Target Update Rate	>1 MHz
Gain Flatness	+/- 1.5 dB (1GHz IBW)
Operating Temperature	-40 to 65°C
Control Interface	RS 232 / 485/ parallel
Dimensions (VME chassis)	3.0" x 5.5" x 11.9"
Weight	7.5lbs
Power	75W, 28VDC