

AIRBORNE 1225 SPECIFICATIONS

PERFORMANCE CHARACTERISTICS		COHERENT ECM TECHNIQUES	
Baseband, S, and X Bands 1200 MHz Instantaneous Bandwidth Other Bands Available		R/VGPO/I Coordinated R/VGPO/I Multiple False Range and Doppler Targets Cover Pulse Stretched Pulse and Synthetic CW Keeper Pulse and more	
Input Power	-55 dBm to +10 dBm	PHYSICAL CHARACTERISTICS	
Output Power	-30 to +10 dBm in /dB Steps	Dimensions	4.75 x 6.25 x 12 inches
Flatness	<± 2dBm	Weight	<13 pounds
VSWE (in/out)	<2.0:1	Cooling	Forced Air
Noise Floor	<-40 dBc (DRFM active) <-60 dBm (inactive)	Input Power	23-31 VDC at 4 amps max 60 Watts nominal
Spurious	<-15 dBc (worse case) <-20 dBc (typical)	Temperature	-40° to +71° C Operating -54° to +71° C Storage
Pulse Widths	20ns-CW	Shock	12G to 11ms
Range Delay	90ns-2.3 ms	Altitude	Sea Level to 50K Feet
Range Resolutions	<4.4 ns	humidity	>95% R.H. from +28° to +71°C
Doppler	-3000 kHz to +300 kHz with <20 Hz resolution	Vibration	10 to 2000 Hz +/-10 G RMS
NON-COHERENT ECM TECHNIQUES			
Uncoordinated R/VGO/I Random Range/Doppler Narrowband Spot Noise		Conductivity Cooled 6U VME Tactical Configuration Available	

