

VECTOR RADIAN FM VIDEO TRANSMITTER Model: WP-1202



Specifications	
RF CHARACTERISTICS	
Frequency range Frequency Stability Minimum Output Power VSWR Spectral Purity	1200 - 1300 MHz -0.0025% 2 - 4 Watts < 1.5:1 Spurious rejection better than -55dbW
MODULATION CHARACTERISTICS	
Type Frequency Response Input Impedance Frequency Deviation Deviation Sensitivity Linearity Incidental Frequency Modulation	True FM 10 Hz to 10 MHz 50 Ohms +/- 4 MHz +/- 4 MHz / V.P.P +/- 10% Differential Gain <2% Phase <2% <10 KHz RMS
POWER REQUIREMENTS	
Input Voltage Input Current Isolation	12 - 14 VDC reverse polarity protection 1.0 -1.5 Amperes Power / Modulation returns grounded to case
ENVIRONMENTAL CHARACTERISTICS	
Temperature Vibration Acceleration Shock Relative Humidity Low Pressure Electromagnetic Compatibility	-40° to +80°C 20 g peak - 3 Axes 80 g - 3 Axes 100 g - half sine 11 ms - 3 Axes 95% 1/1000000 mBar MIL-STD 461A-462-463
MECHANICAL CHARACTERISTICS	
Dimensions Weight Pin Connections Connectors	Refer to drawing 1500 gm +/- 50 gms Refer to drawing Refer to drawing

