

VECTOR RADIAN FM VIDEO TRANSMITTER Model: WP-1205



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

