

## Description

Mi-Wave's 511 series Programmable Rotary Vane Attenuators

## Notes

Other Features: Mode Free, Back-lit Display, Fast Operation, Interactive User Menu, Long MTBF

S/N: N/A

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency Range	110 GHz		170 GHz
Attenuation Range	0 dB		60 dB
Resolution (for 0-60 dB attenuation range)		0.01 dB steps	
Insertion Loss		6.5 dB	
VSWR		1.3:1	
Speed (attenuation change from 0-60 dB)		less than 2 seconds	
MTBF		>1000000 cycles	
Operating Voltage(100-240 Vac adapter is supplied)		24 Volts	
Programmable GPIB Address		up to 30	
Power Handling (CW)			2.0 Watts
Calibration	0	40	50
Calibration Accuracy 0 to 40 db		2%	
Calibration Accuracy 40 to 50 db		3%	
Calibration Accuracy 50 to 60 db (ref. only)		4%	

## Physical Specifications

Input and Output Port	WR-6 Waveguide, UG-387/U-M Flange
Remote Control Interface	IEEE-488 and USB port
Manual Control Interface	4 LED Buttons

Tested by: Kim Madden

Date: 2021-03-26

