

## Description

Mi-Wave's 511 series Programmable Rotary Vane Attenuators

## Notes

Other Features: Mode Free Back-lit Display Fast Operation Interactive User menu Long MBTF

S/N: 1116

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency Range	50 GHz		75 GHz
Attenuation Range	0 dB		70 dB
Resolution (for 0-70 dB attenuation range)	0	0.01 dB steps	70dB
Insertion Loss		1.2 dB	
VSWR		1.30:1	
Speed (attenuation change from 0-70 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)			5 Watts
Calibration	0	60	70
Calibration Accuracy 0 to 50 db		less than 2%	
Calibration Accuracy 50 to 60 db		less than 2%	
Calibration Accuracy 60 to 70 db		less than 3%	

## Physical Specifications

Input and Output Port	WR-15 Waveguide, UG-385/U Flange
Remote Control Interface	IEEE-488 and USB port
Manual Control Interface	4 LED Buttons

Tested by: Kim Madden

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