

## Description

Mi-Wave's 950 Series detectors convert incident RF energy into a DC voltage signal. The function of these detectors is similar to power sensors, with two exceptions.

## Notes

S/N: N/A

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency	90 GHz		140 GHz
Video Sensitivity		500 mV/mW	
Tangential Sensitivity		-45 dBm	
Sensitivity Flatness		±2 dB	
Polarity		Positive	
RF Power Handling			17 dBm
Dynamic Range		-55 to +10 dBm	
Detection Speed, Rise Time (50 ohm load)		5 nS	
Specification Temperature		25° C	
Operating Temperature	0° C		50° C
RF Input Power		-20 dBm	

## Physical Specifications

RF Port	WR-08 Waveguide, UG-387/U-M Flange
DC Port	SMA(F)
Material Type	Brass
Finish	Gold Plated



Tested by: LS

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