

Description

Mi-Wave's 950 Series detectors convert incident RF energy into a DC voltage signal.

Notes

Detector will be in compression above -15dBm.

S/N: N/A

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	110 GHz		170 GHz
Video Sensitivity		250 mV/mW	
Tangential Sensitivity		-50 dBm	
Sensitivity Flatness		±2.5 dB	
RF Power Handling			17 dBm
Dynamic Range		-55 to +10 dBm	
Detection Speed, Rise Time (50 ohm load)		5 nS	
Output Voltage Polarity		Positive	
Specification Temperature		25° C	
Operating Temperature	0°C		50° C
RF Input Power For Sqaure Law Region		-20 dBm	

Physical Specifications

RF Port	WR-06 Waveguide, UG-387/U-M Flange
DC Port	SMA(F)
Case Material	Brass
Finish	Gold Plated



Tested by: MS

Date: 2020-08-21

