

Description

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

Notes

Detector will be in compression above -15dBm. Output voltage measured at -20dbm RF input and extrapolated to 0 dbm in mV/mW

S/N: NA

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	75 GHz		110 GHz
Video Sensitivity		750 mV/mW	
Sensitivity Flatness		±2.0 dB	
Tangential Sensitivity		-45 dBm	
RF Power Handling			+17 dBm
Polarity		Positive	
Detection Speed, Rise Time (50 ohm load)		5 nS	
Specification Temperature		25° C	
Operating Temperature	0° C		50° C

Physical Specifications

RF Port	WR-10 Waveguide, UG-387/U-M Flange
DC Port	SMA(F)
Material Type	Brass
Finish	Gold Plated



Tested by: MS

Date: 2020-10-13

