

Description

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

Notes

1) Detectors are tested at -20dbm power level 2) Negative Polarity detectors are also available. 3) Detector will be in compression above -15dBm.

S/N: N/A

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	33 GHz		50 GHz
Video Sensitivity Extrapolated from -20dbm power vs mV data		1200 mV/mW	
Sensitivity Flatness		±2 dBm	
Input Power			17 dBm
Max RF Input Power for Square Law Region			-20 dBm
Return Loss		15 dB	
Video Bandwidth	1 GHz		
Output Voltage Polarity		Positive	
Specification Temperature		25° C	
Operating Temperature	0° C		50° C

Physical Specifications

RF Port	WR-22 Waveguide, UG-383 Flange
DC Port	SMA(F)
Case Material	Brass
Finish	Gold Plated



Tested by: MS

Date: 2020-04-08

