

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

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

S/N: 953

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	26.5 GHz		40 GHz
Video Sensitivity		1500 mV/mW	
Sensitivity Flatness		±2 dB	
Input Power			17 dBm
Max Input Power for Square Law Region			-20 dBm
Video Bandwidth	1 GHz		
Output Voltage Polarity		Positive	
Specification Temperature		25° C	
Operating Temperature	0° C		50° C

Physical Specifications

RF Port	WR-28 Waveguide, UG-599 Flange
DC Port	SMA(F)
Finish	Gold Plated



Tested by: MS

Date: 2020-10-16

