

Zero Bias Detector Module

Product Features

- Frequency: 110GHz~170GHz
- Sensitivity: 2500 V/W
- Input Return Loss: -10dB
- Zero Bias Detector



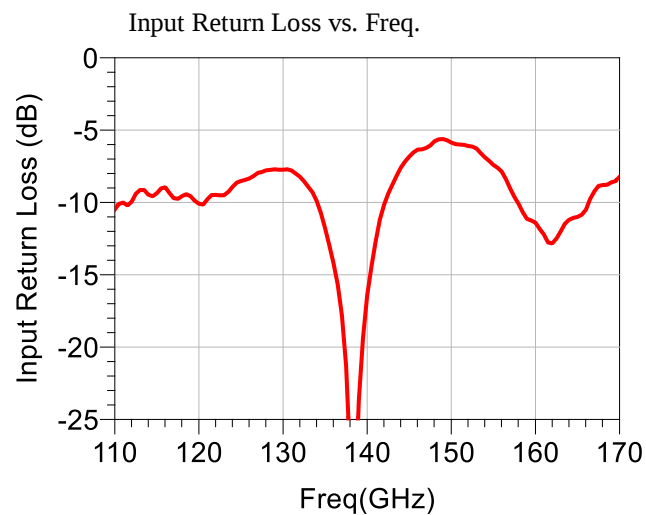
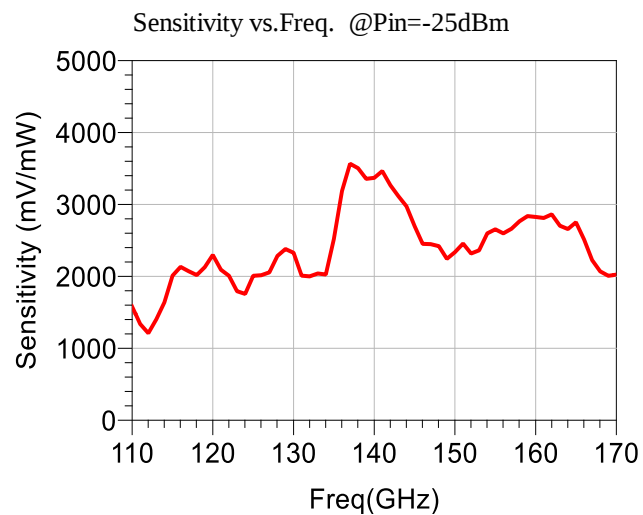
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	110 GHz		170GHz
Sensitivity		2500 V/W	
Input Return Loss		-10dB	
Input dynamic range			-20dBm
Input Power			10dBm
Specification Temperature	10 °C	+25 °C	40 °C
Operating Temperature	0 °C		+50 °C

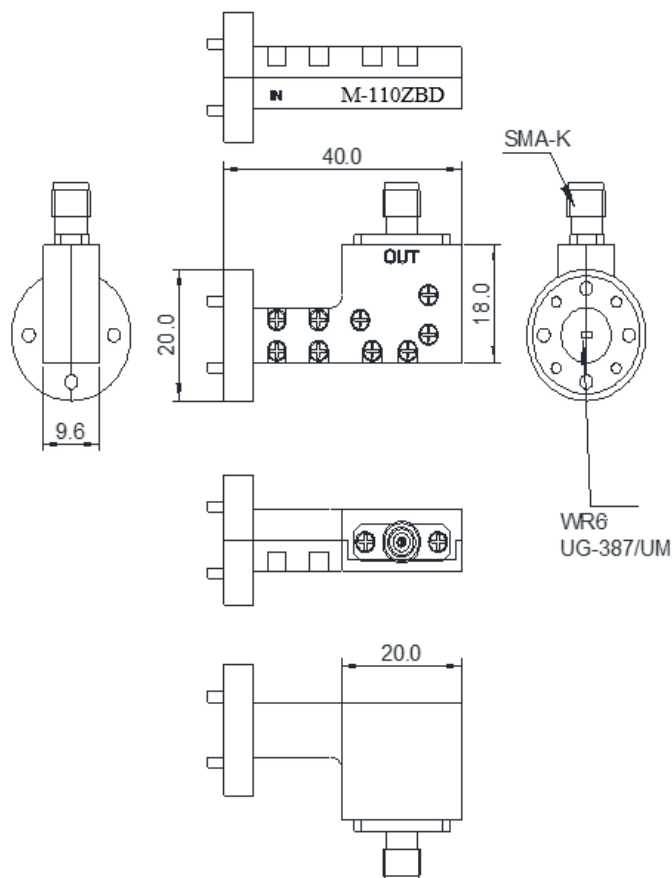
Mechanical Specs:

Item	Specification
Input	WR-06 Waveguide with W/UG-387/U-M Flange
Output	SMA-K
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	40mm×18.4mm×9.6mm

Measured Performance:



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.