

Zero Bias Detector Module

Product Features

- Frequency: 220GHz~320GHz
- Sensitivity: 800 V/W
- Input Return Loss: -5dB
- Zero Bias Detector



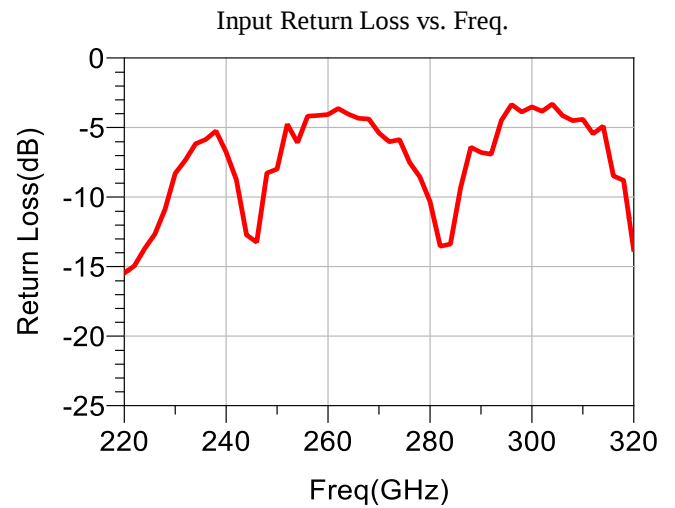
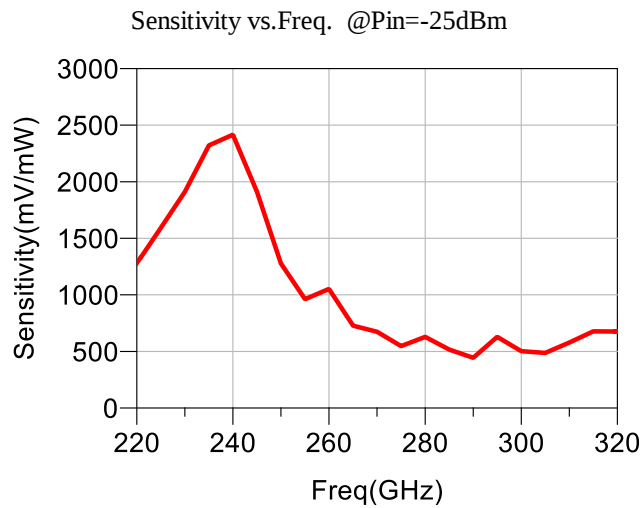
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	220 GHz		320GHz
Sensitivity		800 V/W	
Input Return Loss		-5dB	
Input dynamic range			-20dBm
Input Power			10dBm
Specification Temperature	10 °C	+25 °C	40 °C
Operating Temperature	0 °C		+50 °C

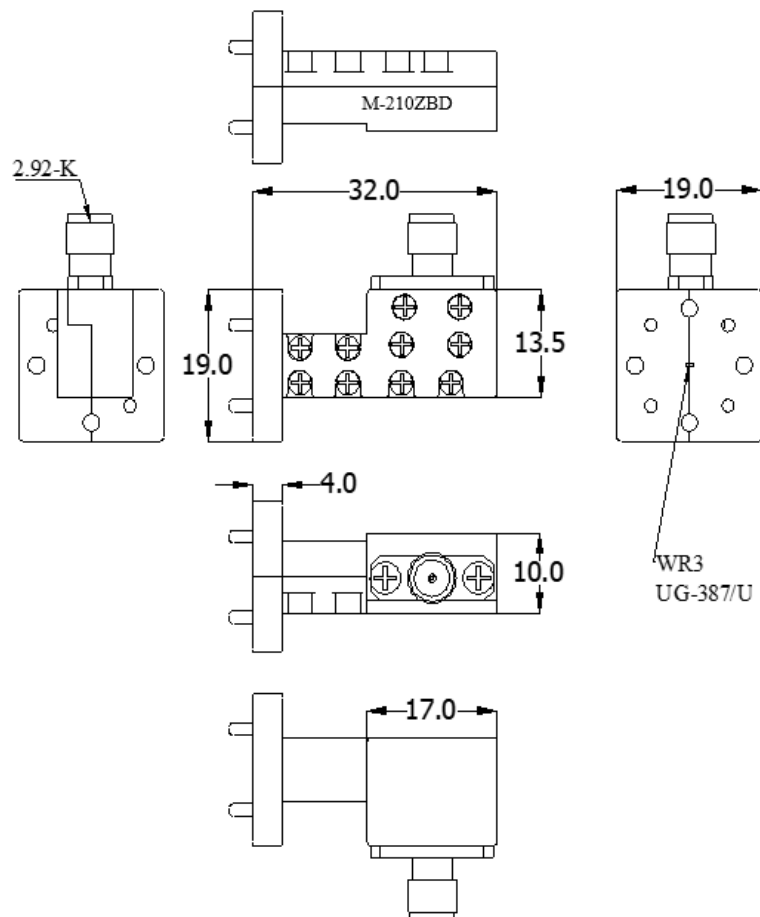
Mechanical Specs:

Item	Specification
Input	WR-03 Waveguide with W/UG-387/U-M Flange
Output	2.92-K
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	32 mm×19 mm×19 mm

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.