



## Wide Band Power Detector 10MHz-26.5GHz



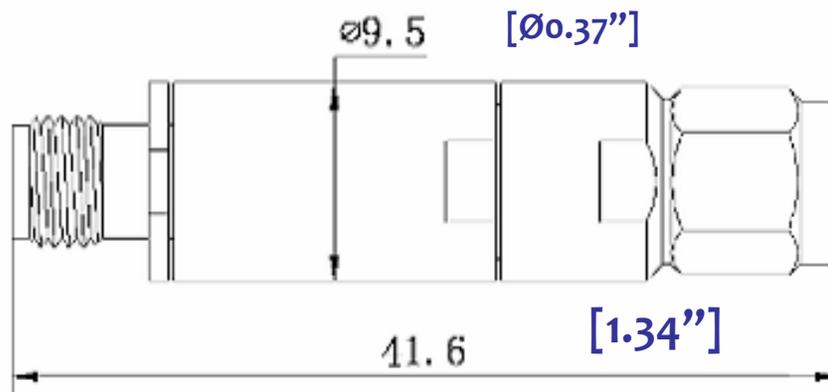
- Wide Band Operation 10MHz-26.5GHz
- High speed power response.
- High sensitive output level.
- Fast Switching Speed
- Low Insertion Loss good accuracy
- Temperature Range -55°C~+85°C
- Customization available upon request

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

3.0 Electrical Specifications		
3.1	Frequency	0.01-26.5GHz
3.2	Max. VSWR	2.5:1 max.
3.3	Input Power	+20dBm
3.4	Frequency Response Flatness	+/-1.0dB Typ. +/-1.5dB Max.
3.5	Low Level Sensitivity	0.4 min. 0.6Typ.



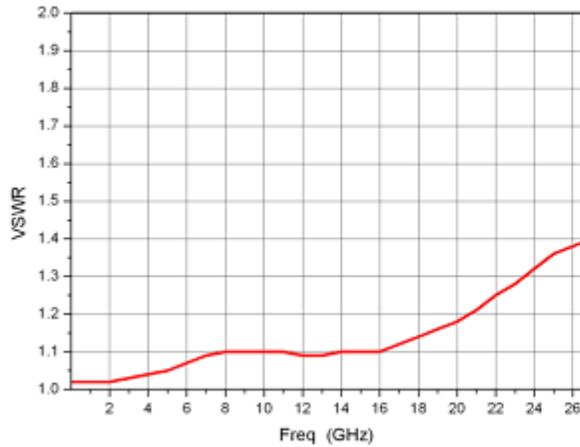
1.0 Mechanical Specifications		
1.1	Basis-material	Brass
1.2	Connector	SMA-Female 3.5mm-Male
1.3	External Body Finish	Nickel plating



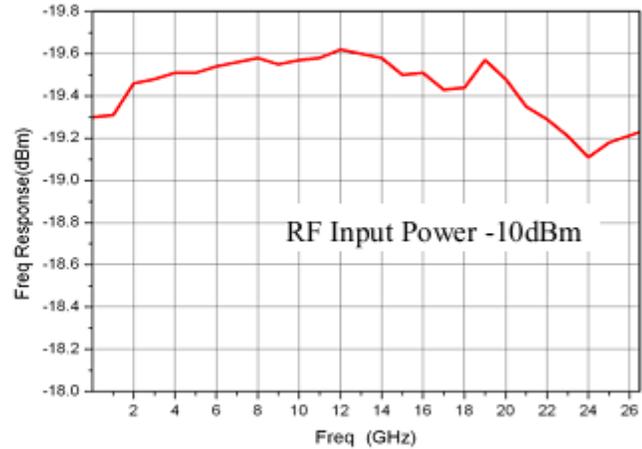
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## Typical performance: (Condition: $T_a = 25^\circ\text{C}$ )

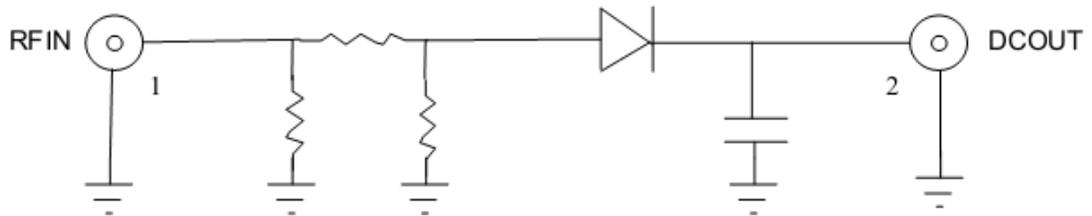


VSWR VS.Frequency (GHz)



Frequency Response (dBm) VS.Frequency (GHz)

## Functional Diagram:



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