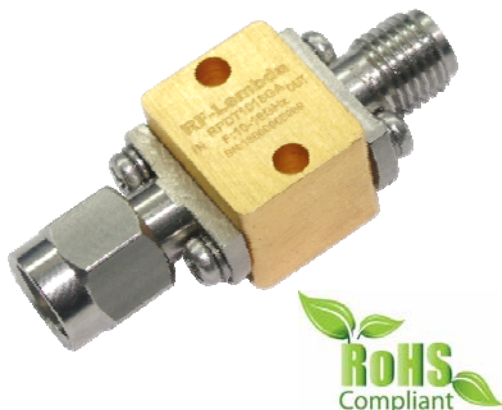




## Zero Bias Schottky Diode Detectors 10GHz~18GHz



- Wide Band Operation 10-18GHz
- 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

| No. | Parameter             | Specifications |
|-----|-----------------------|----------------|
| 1   | Frequency             | 10~18GHz       |
| 2   | VSWR                  | ≤1.7:1         |
| 3   | Tss                   | -45dBm         |
| 4   | Sensitivity           | 500mv/mw       |
| 5   | Power(W)              | 0.1            |
| 6   | Output Polarity       | Positive(+)    |
| 7   | Input Connector       | SMA male       |
| 8   | Output Connector      | SMA female     |
| 9   | Operating Temperature | 0~60°C         |

| Mechanical Specifications |                                  |
|---------------------------|----------------------------------|
| Connector                 | SMA(M,F)                         |
| Size                      | SEE DRAWING                      |
| Weight                    | 10g                              |
| External Finish           | Gold/Nickel plated laser sealed. |

| Environment specifications |                                                    |
|----------------------------|----------------------------------------------------|
| Operation Temperature (C°) | -20 ~ +55                                          |
| Storage Temperature (C°)   | -55 ~ +125                                         |
| Altitude                   | 42,000 ft (Controlled environment)                 |
| Vibration                  | 10g rms (15 degree 2KHz)                           |
| Humidity                   | 100% RH at 35c, 95%RH at 40 deg c                  |
| Shock                      | 20G for 11msc half sin wave,3 axis both directions |

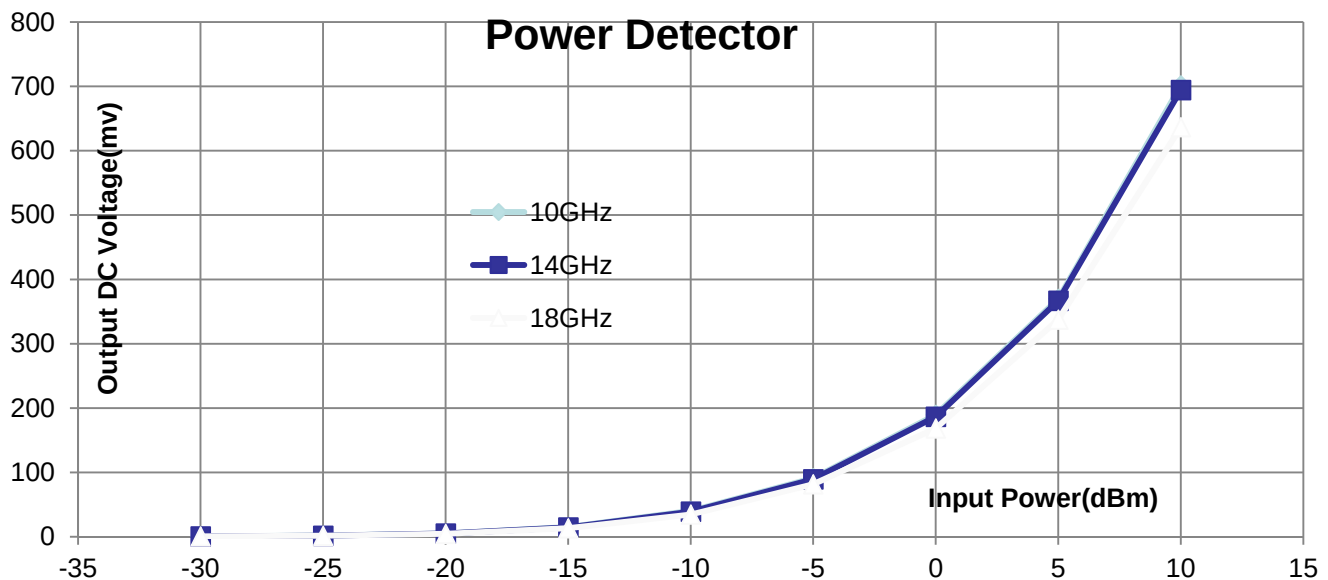
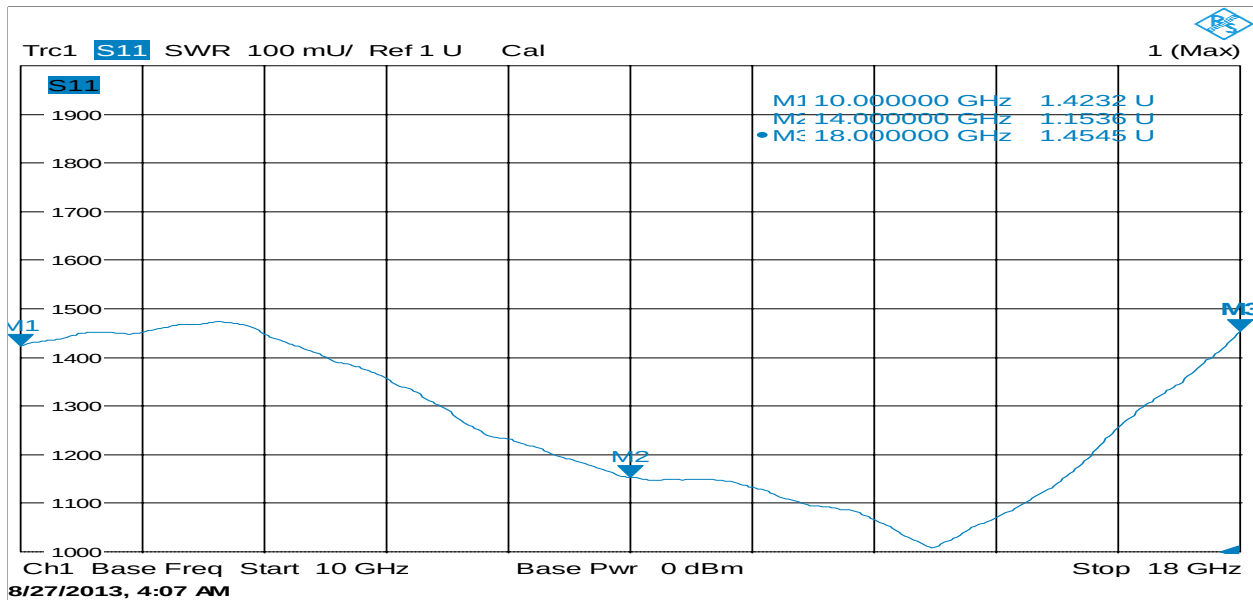
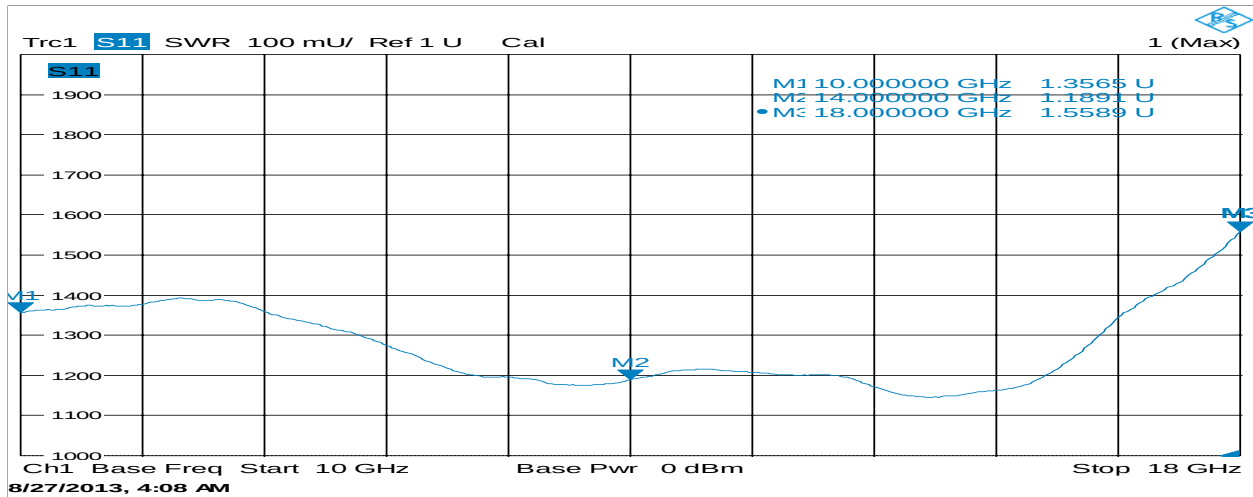


# RF-LAMBDA

The power beyond expectations

RPDT1018GA

Zero Bias Schottky Diode Detectors 10GHz~18GHz

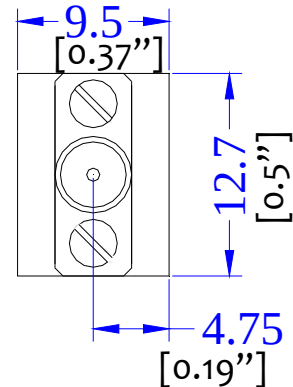
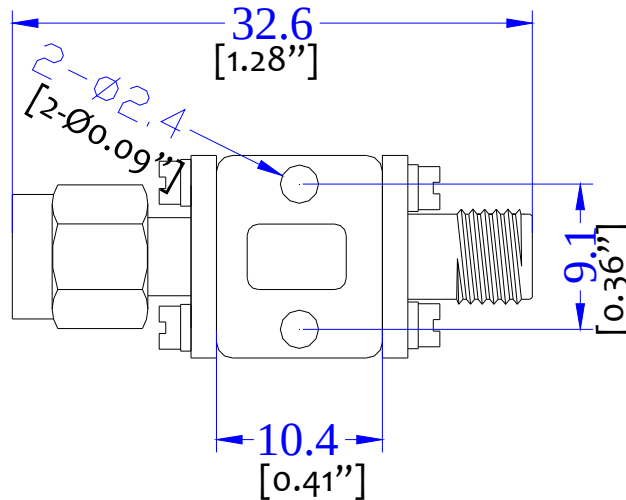




# RF-LAMBDA

The power beyond expectations

RPDT1018GA



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Zero Bias Schottky Diode Detectors 10GHz~18GHz