

*Biconical Antenna*  
*2 dBi Typ. Gain, 8-12 GHz Frequency Range*



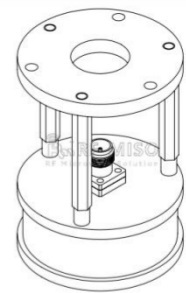
## Biconical Antenna Data Sheet

**RM-BCA812-2**

### Specifications

| RM-BCA812-2         |                  |       |
|---------------------|------------------|-------|
| Parameters          | Typical          | Units |
| Frequency Range     | 8-12             | GHz   |
| Gain                | 2 Typ.           | dBi   |
| VSWR                | 1.4 Typ.         |       |
| Polarization        | Linear-polarized |       |
| Cross polarization  | >35              | dB    |
| Connector           | 2.92mm-Female    |       |
| Material            | Al               |       |
| Size                | Φ42*58           | mm    |
| Weight              | 0.056            | Kg    |
| Power Handling,CW   | 10               | W     |
| Power Handling,Peak | 20               | W     |

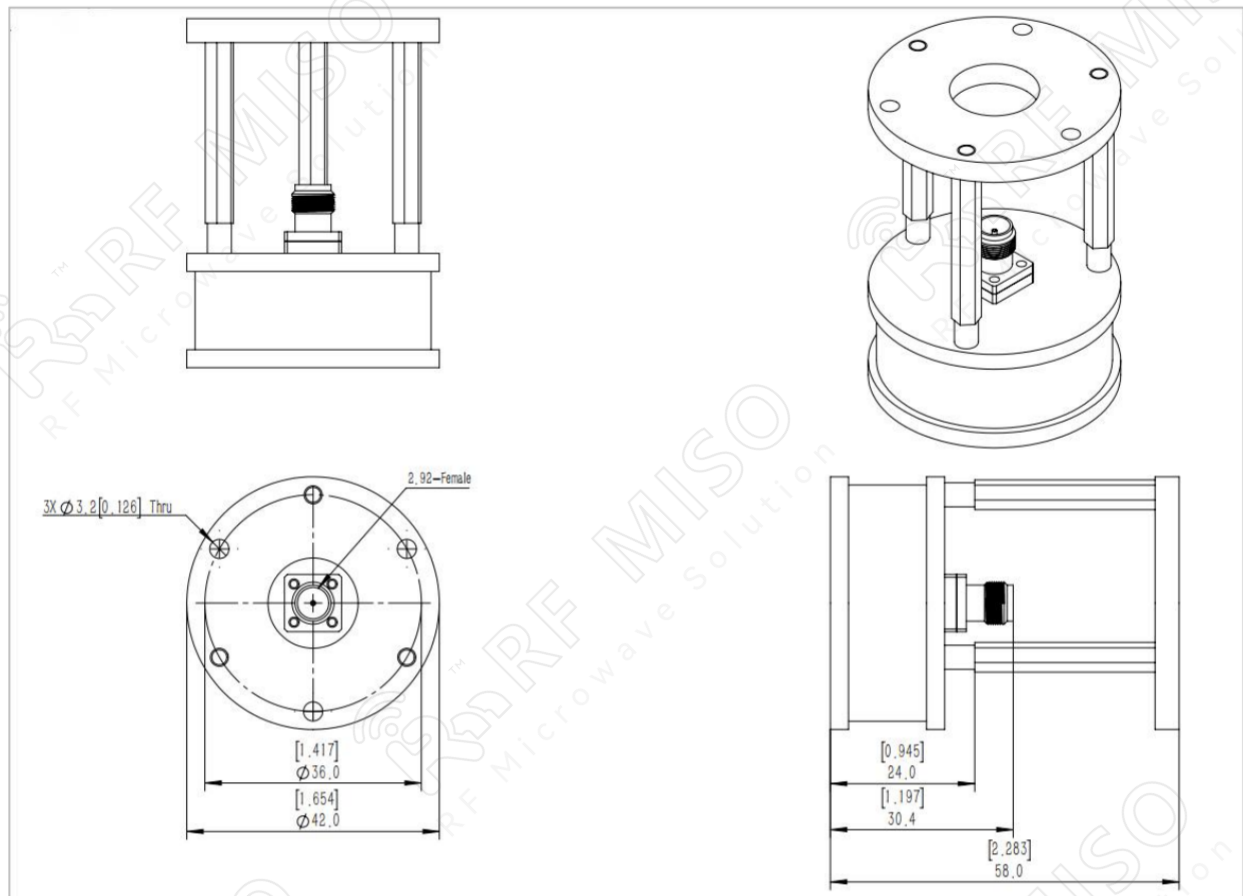
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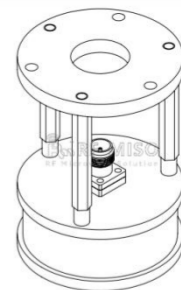
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### Outline Drawing



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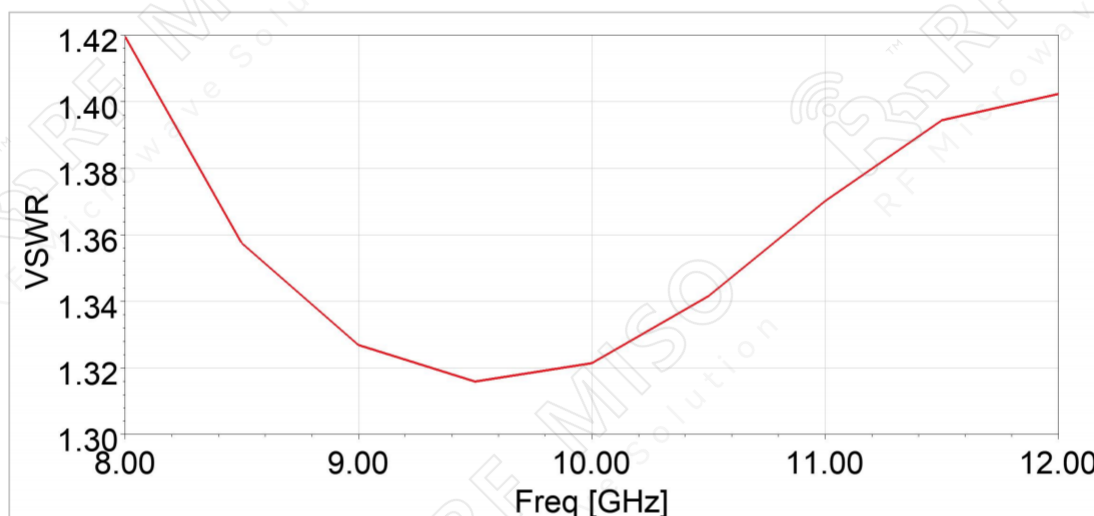


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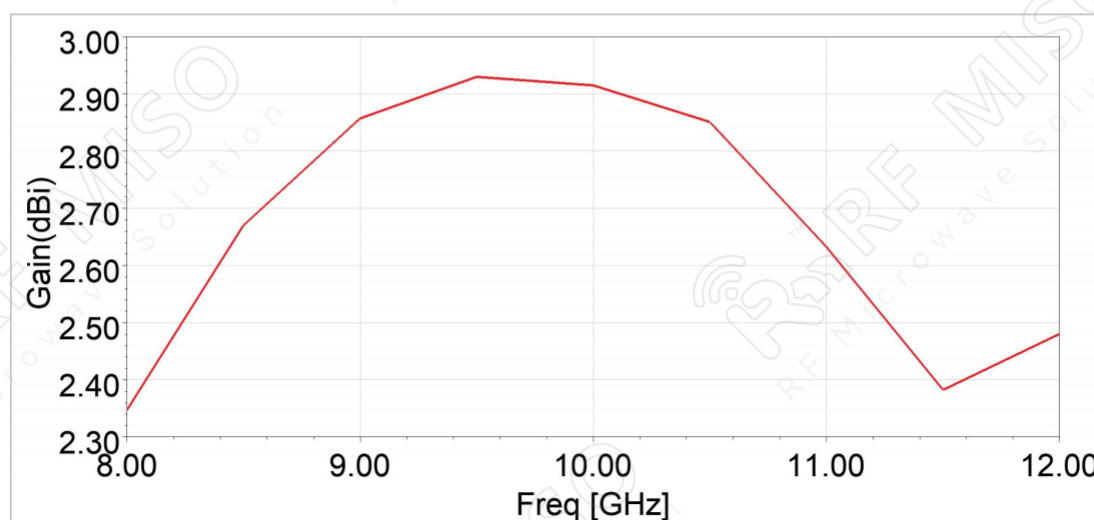
**RM-BCA812-2**

### Simulation Data

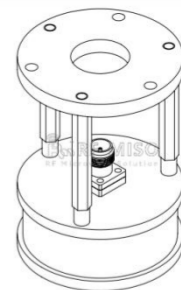
**VSWR**



**Gain**



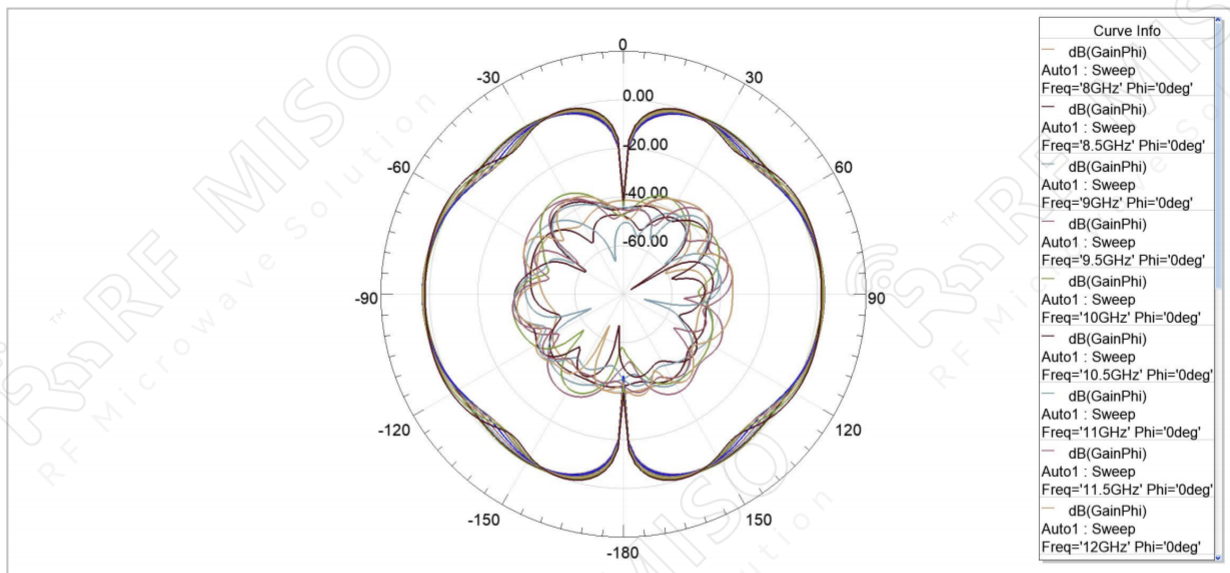
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**Pattern**



**Gain Plot 3**

