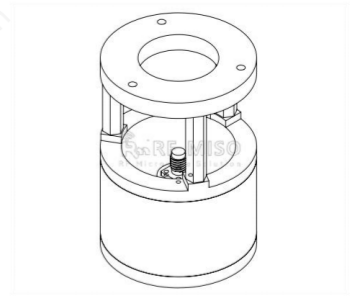


*Bi-conical Antenna*  
*3 dBi Typ. Gain, 2-45GHz Frequency Range*



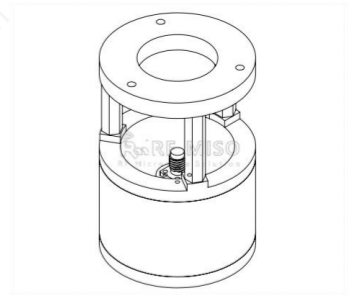
## Bi-conical Antenna Data Sheet

**RM-BCA245-3**

### Specifications

RM-BCA245-3		
Item	Specification	Units
Frequency Range	2-45	GHz
Gain	3 Typ.	dBi
VSWR	1.5 Typ.	
Polarization Mode	Linear	
Connector	2.4-Female	
Finishing	Paint	
Material	Al	
Size	About $\varnothing 58 \times 84$	mm
Weight	0.198	kg
Power Handling, CW	10	W

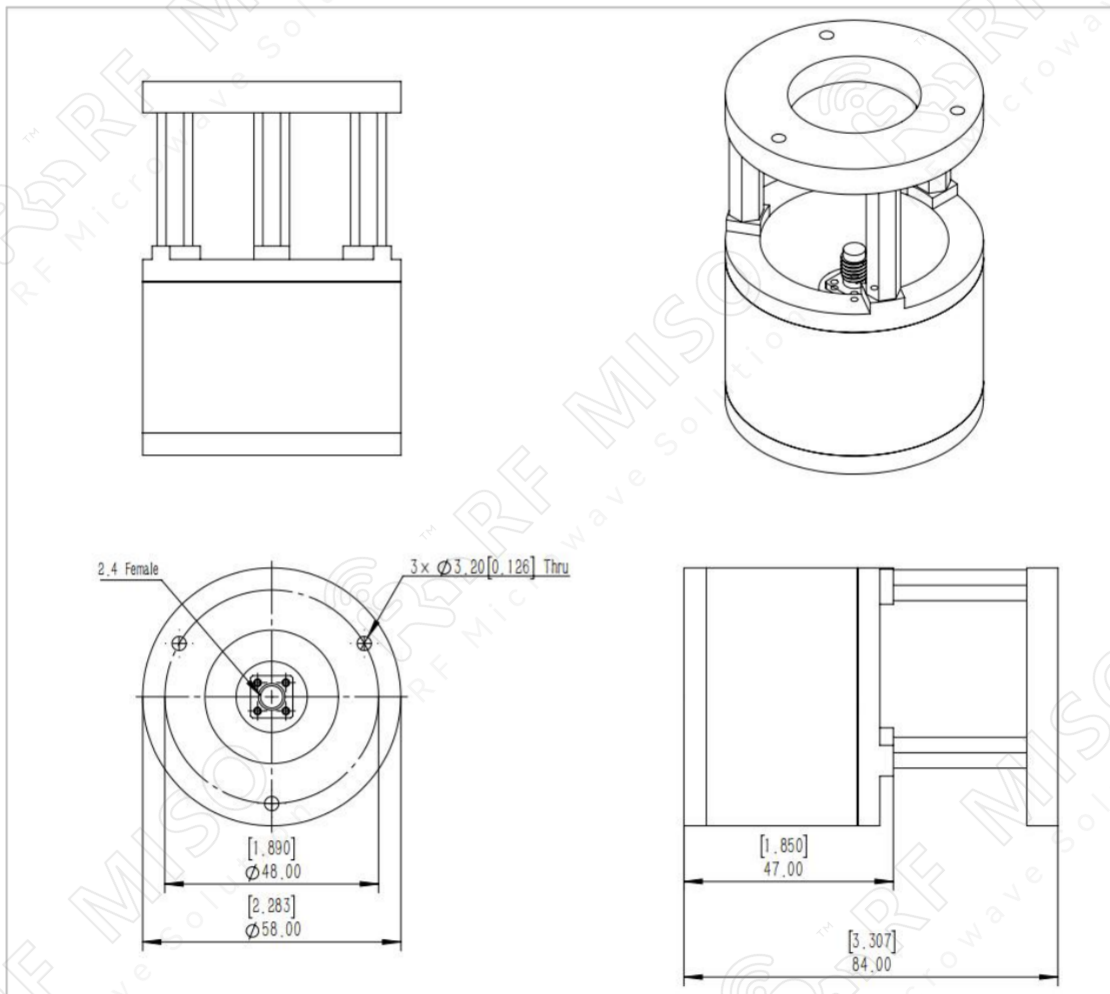
*Bi-conical Antenna*  
*3 dBi Typ. Gain, 2-45GHz Frequency Range*



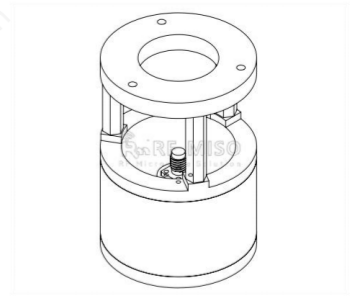
**Bi-conical Antenna Data Sheet**

**RM-BCA245-3**

**Outline Drawing**



*Bi-conical Antenna*  
3 dBi Typ. Gain, 2-45GHz Frequency Range

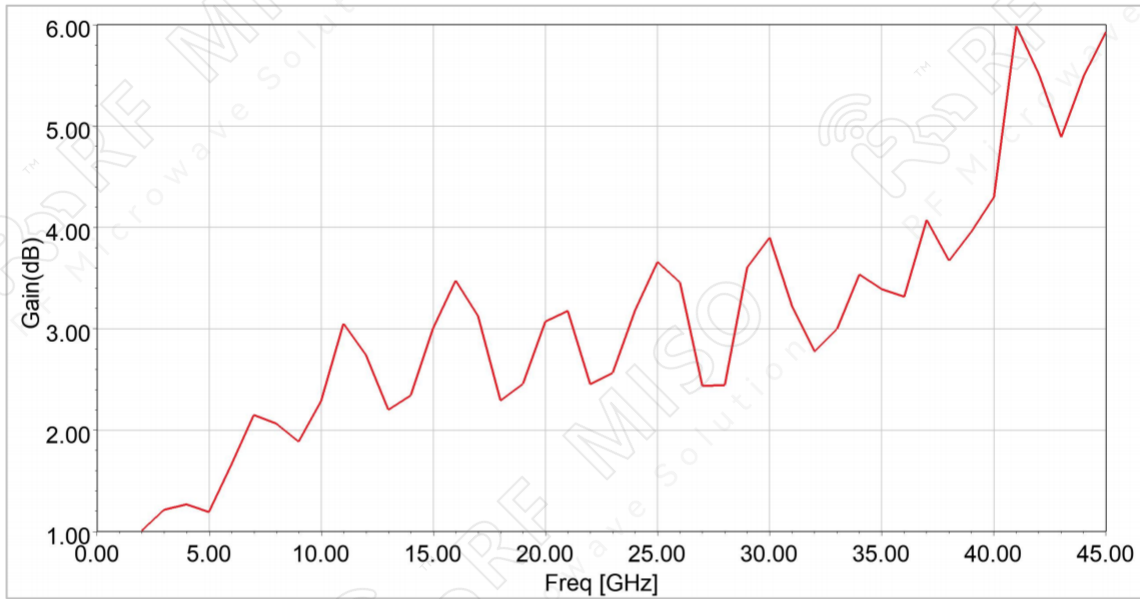


**Bi-conical Antenna Data Sheet**

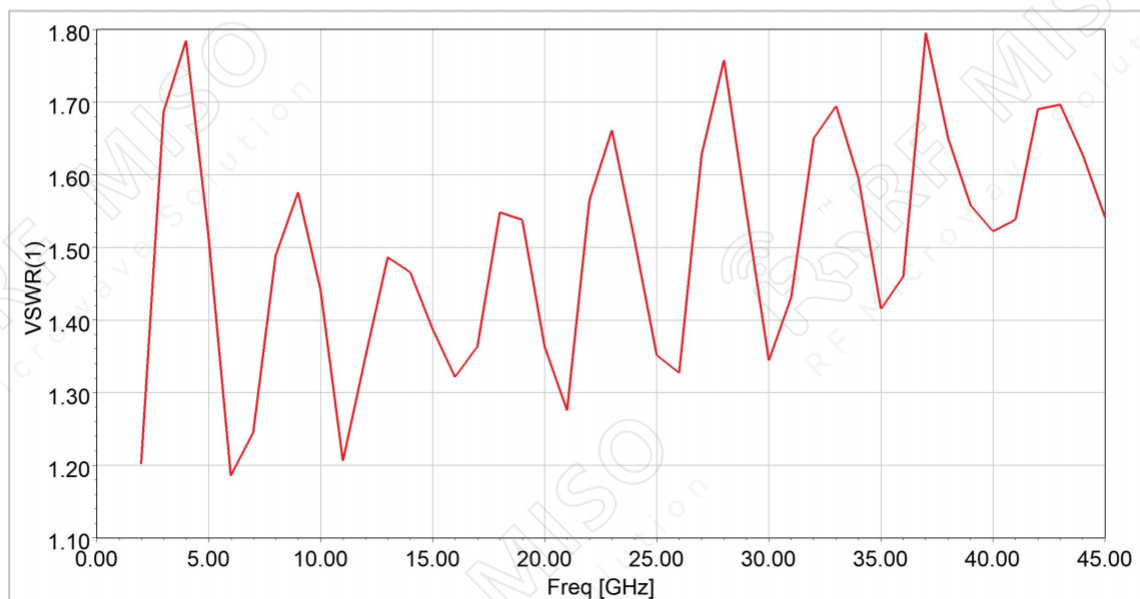
**RM-BCA245-3**

**Simulation Results**

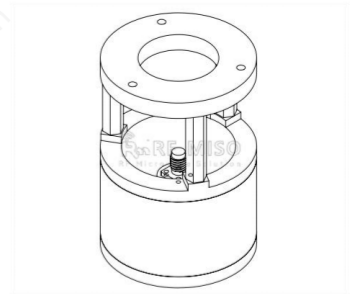
**Gain**



**VSWR**



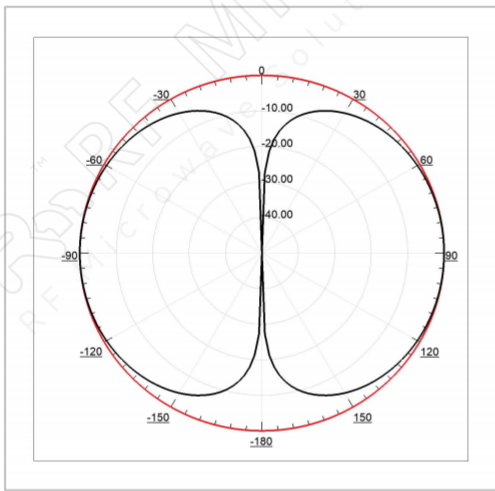
*Bi-conical Antenna*  
*3 dBi Typ. Gain, 2-45GHz Frequency Range*



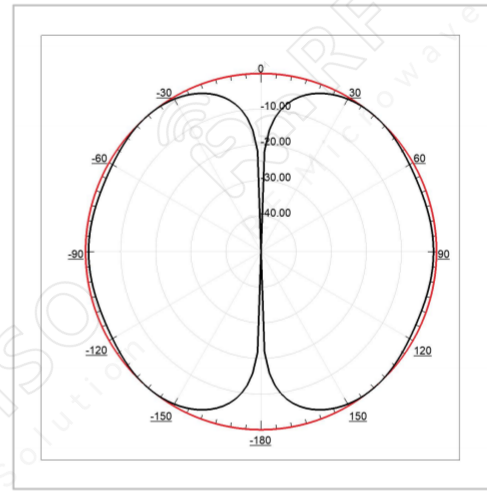
**RM-BCA245-3**

**Bi-conical Antenna Data Sheet**

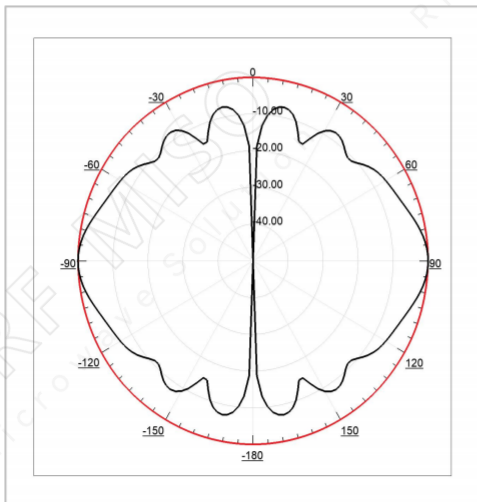
**Gain Pattern**



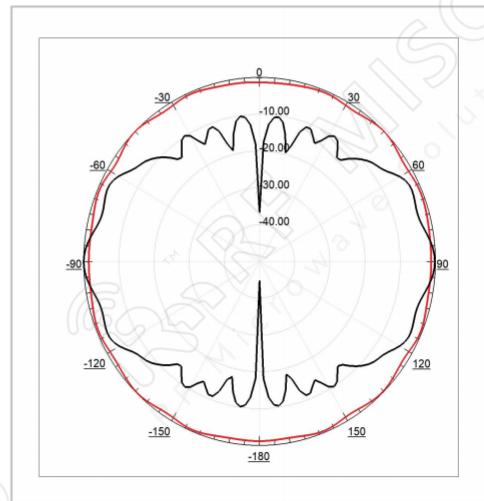
**2 GHz**



**5 GHz**

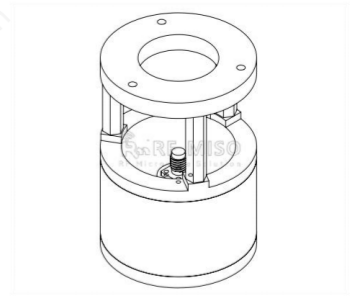


**15 GHz**



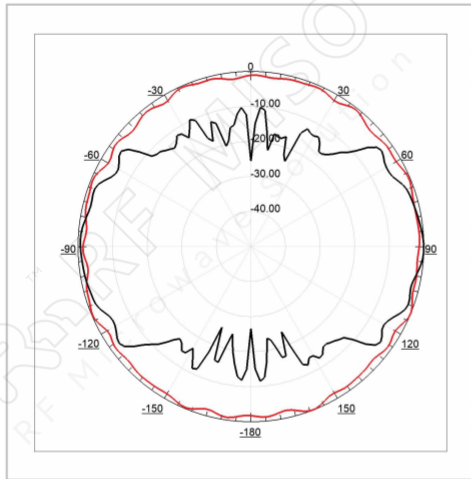
**25 GHz**

*Bi-conical Antenna*  
*3 dBi Typ. Gain, 2-45GHz Frequency Range*

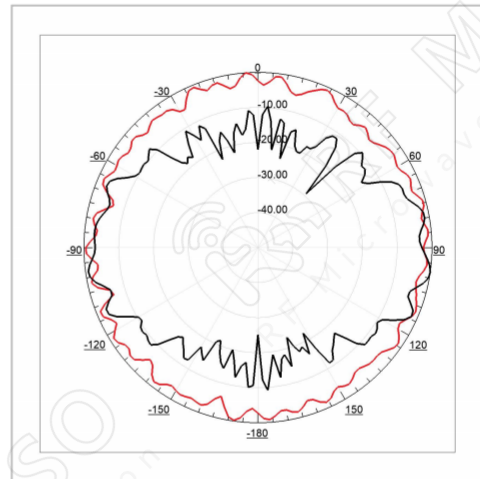


**RM-BCA245-3**

**Bi-conical Antenna Data Sheet**



35 GHz



45 GHz