

## Broadband Horn Antenna Data Sheet

**RM-BDHA0308-8**

### Features

- Ideal for Satellite Communications
- Low VSWR
- Good Directionality
- Linear Polarized

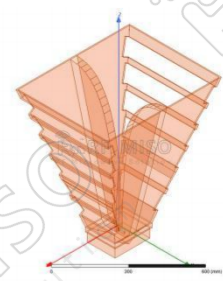
### Descriptions

RF MISO's **Model RM-BDHA0308-8** is linear polarized broadband horn antenna that operates from 0.3 to 0.8 GHz. The antenna offers a typical gain of 8 dBi and low VSWR 1.3 Typ. with N-Female type connector. 0.3GHz beam width is 60° , Gain>6dBi; 0.55GHz beam width is 50° , Gain>8dBi; 0.8GHz beam width is 40° , Gain>10dBi.

### Specifications

RM-BDHA0308-8		
Parameters	Specifications	Units
Frequency Range	0.3-0.8	GHz
Gain	8 Typ.	dBi
VSWR	1.3 Typ.	
Cross Polarization Isolation	55 Typ.	dB
Polarization	Linear	
Connector	N-K	
Finishing	Paint Black	
Material	Al	
Size	757*628*500 (±5)	mm
Weight	28.097	kg

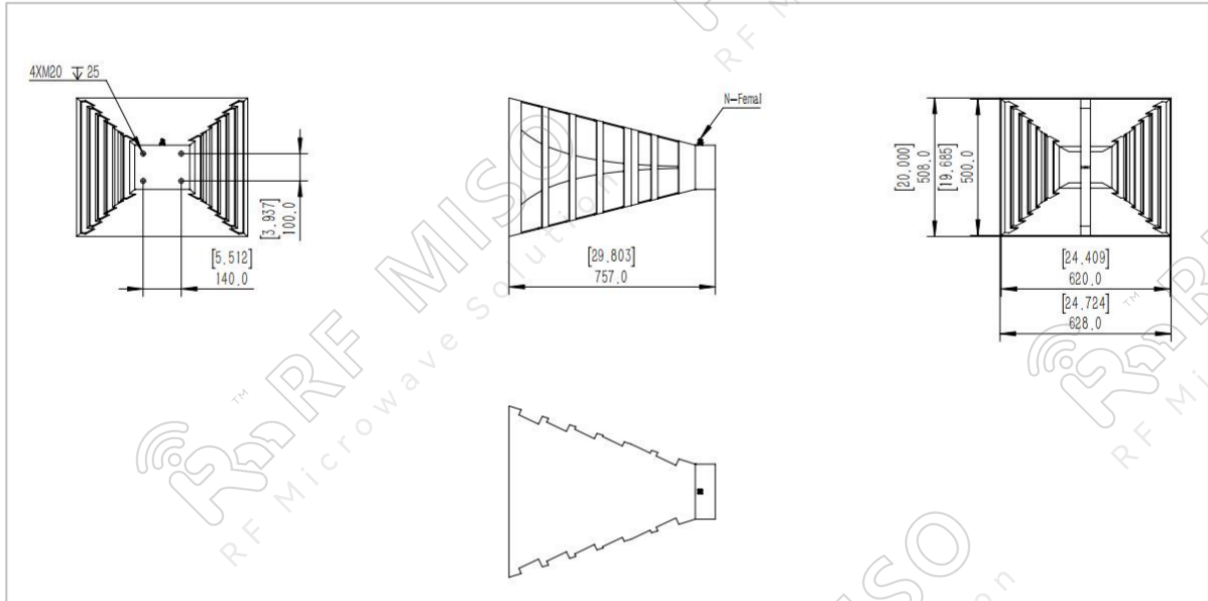
Broadband Horn Antenna  
8dBi Typ. Gain, 0.3-0.8GHz Frequency Range



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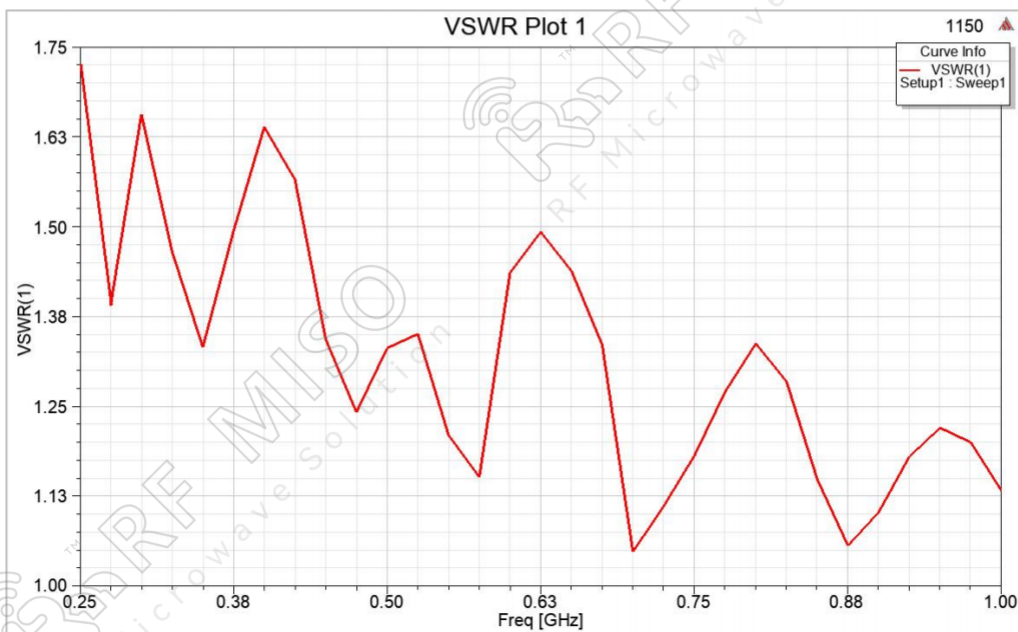
**RM-BDHA0308-8**

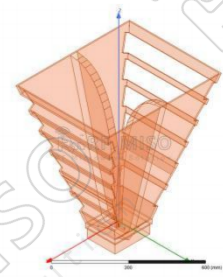
**Outline Drawing**



**Simulation Result**

**VSWR**



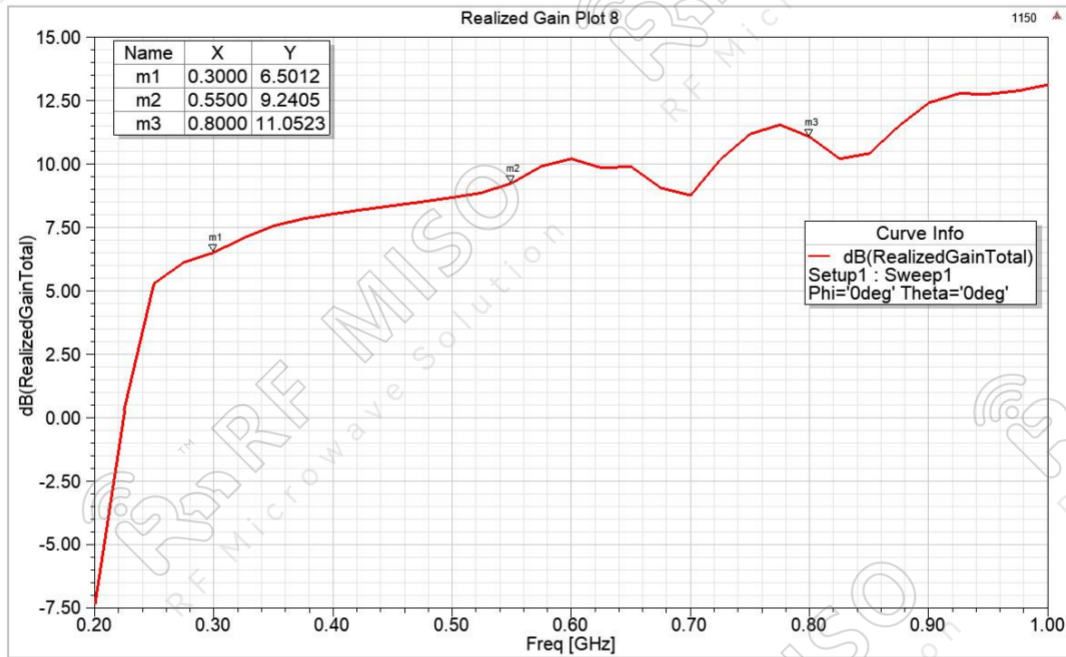


*Broadband Horn Antenna  
8dBi Typ. Gain, 0.3-0.8GHz Frequency Range*

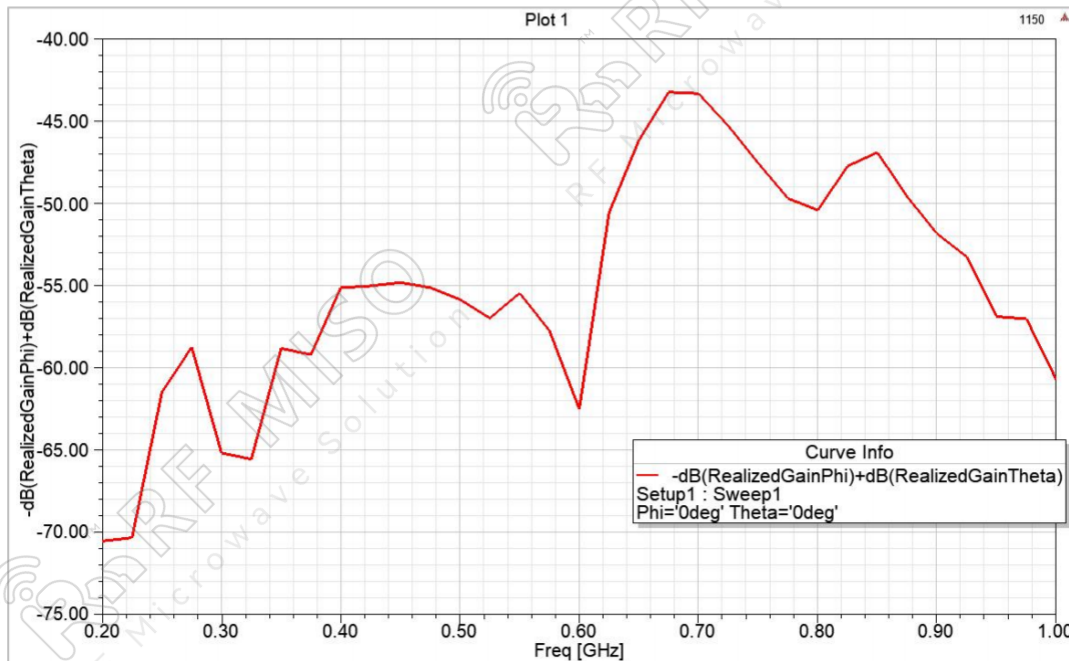
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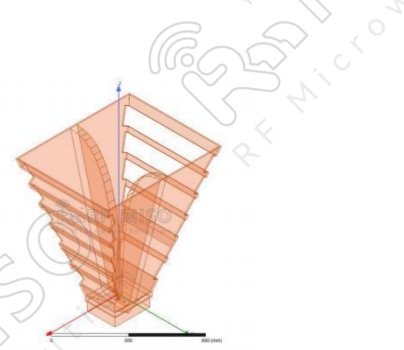
**RM-BDHA0308-8**

**Gain**



**Cross Polarization Isolation**



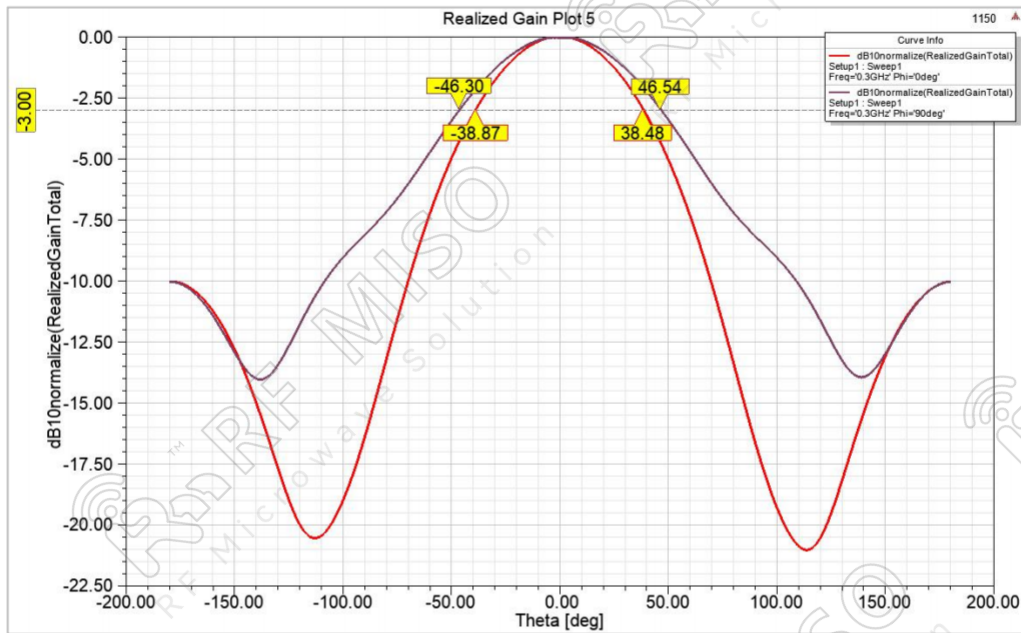


Broadband Horn Antenna  
8dBi Typ. Gain, 0.3-0.8GHz Frequency Range

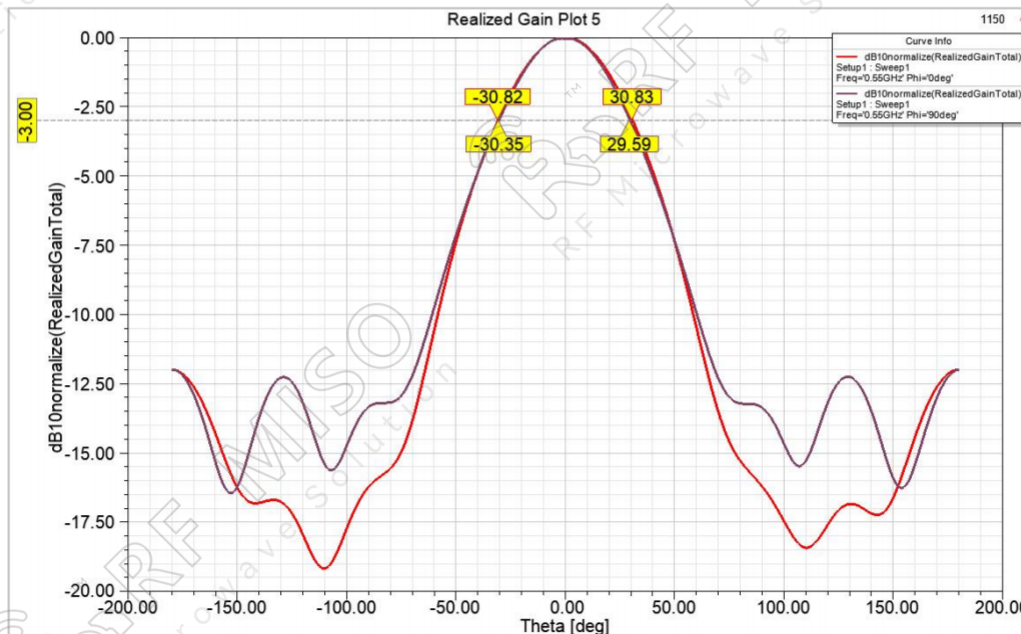
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**Gain Pattern**

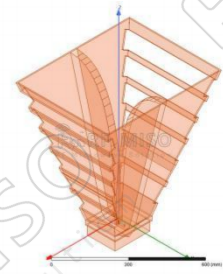


**0.3GHz**



**0.55GHz**

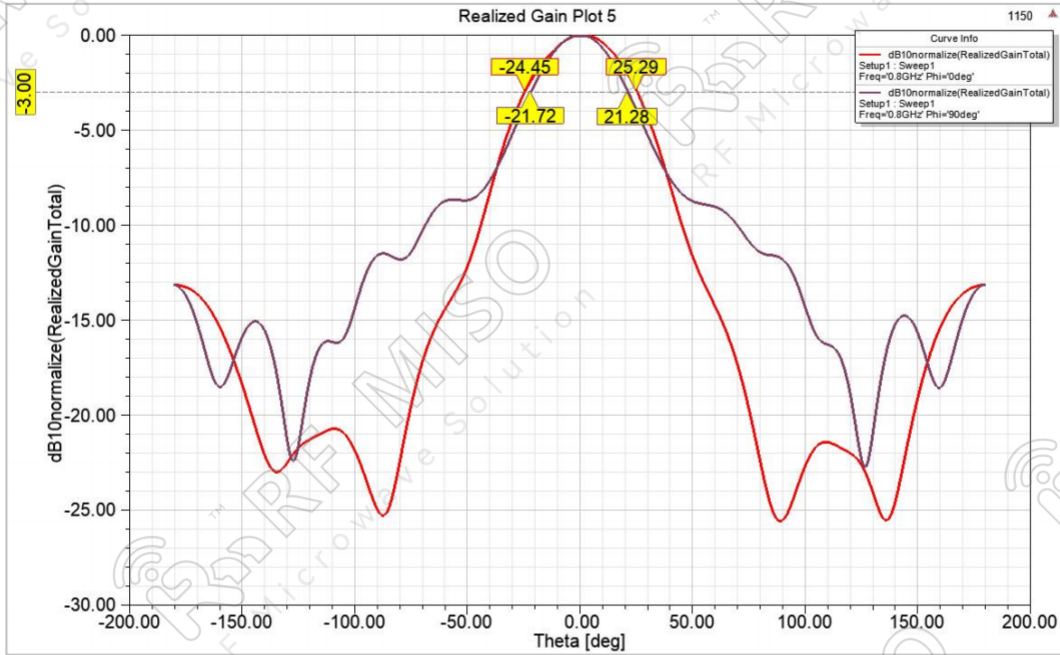




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8dBi Typ. Gain, 0.3-0.8GHz Frequency Range

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**0.8GHz**