

*Broadband Horn Antenna
15 dBi Typ.Gain, 1 GHz-6 GHz Frequency Range*

Broadband Horn Antenna Data Sheet

RM-BDHA16-15

Features

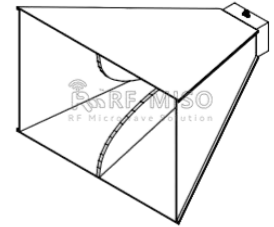
- Double-Ridge Waveguide
- Linear Polarization
- SMA Female Connector
- Mounting Bracket Included

Description

The **RM-BDHA16-15** from RF MISO is a broadband gain horn antenna that operates from 1 to 6 GHz. The antenna offers a typical gain of 15 dBi and VSWR1.4:1 with an SMA Female coaxial connector. The antenna is used in a variety of applications such as microwave testing, satellite antenna testing, direction finding, surveillance, plus EMC and antenna measurements.

Specifications

RM-BDHA16-15		
Item	Specification	Units
Frequency Range	1-6	GHz
Gain	15 Typ.	dBi
VSWR	1.4:1 Typ.	
Polarization	Linear	
Connector	SMA-Female	
Material	Al	
Surface Treatment	Paint	
Size(L*W*H)	452.88*430*301.17(±5)	mm
Weight	3.626	kg

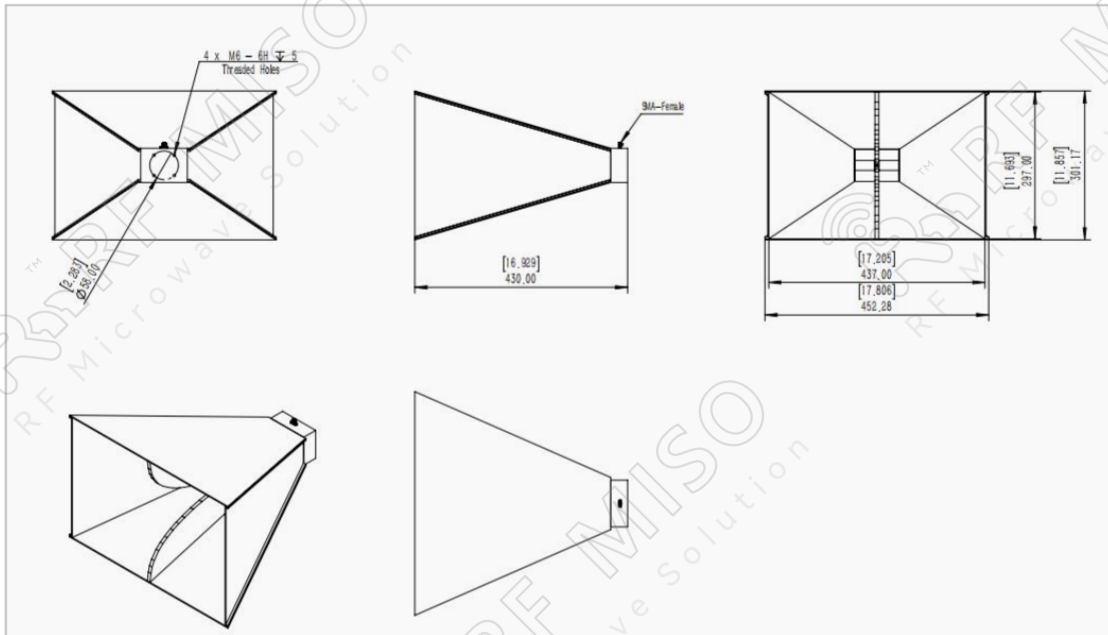


Broadband Horn Antenna
15 dBi Typ. Gain, 1 GHz-6 GHz Frequency Range

Broadband Horn Antenna Data Sheet

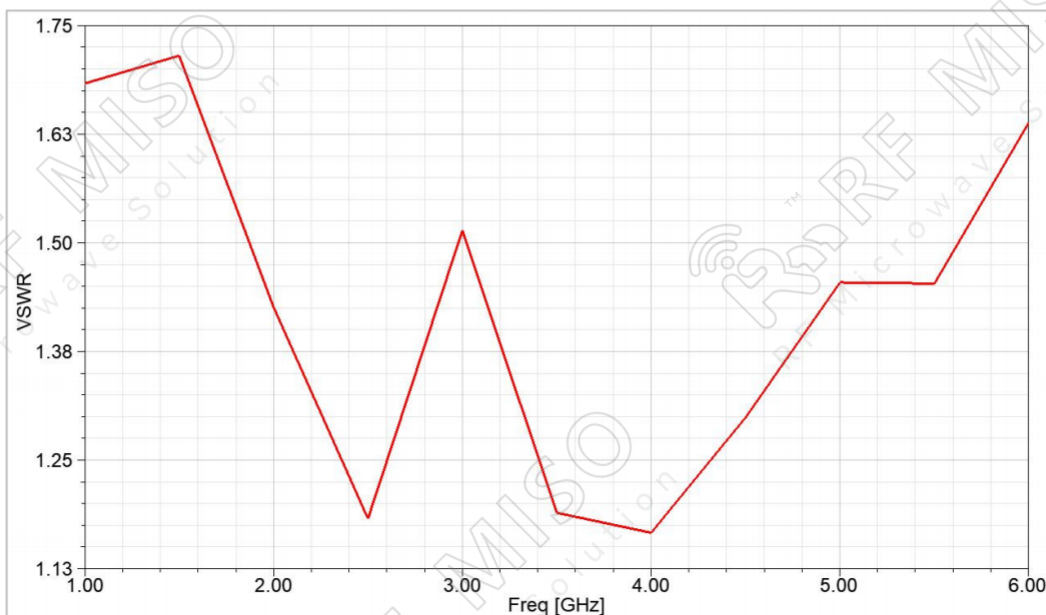
RM-BDHA16-15

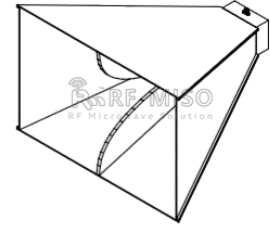
Outline Drawing (Size: mm)



Simulated Data

VSWR



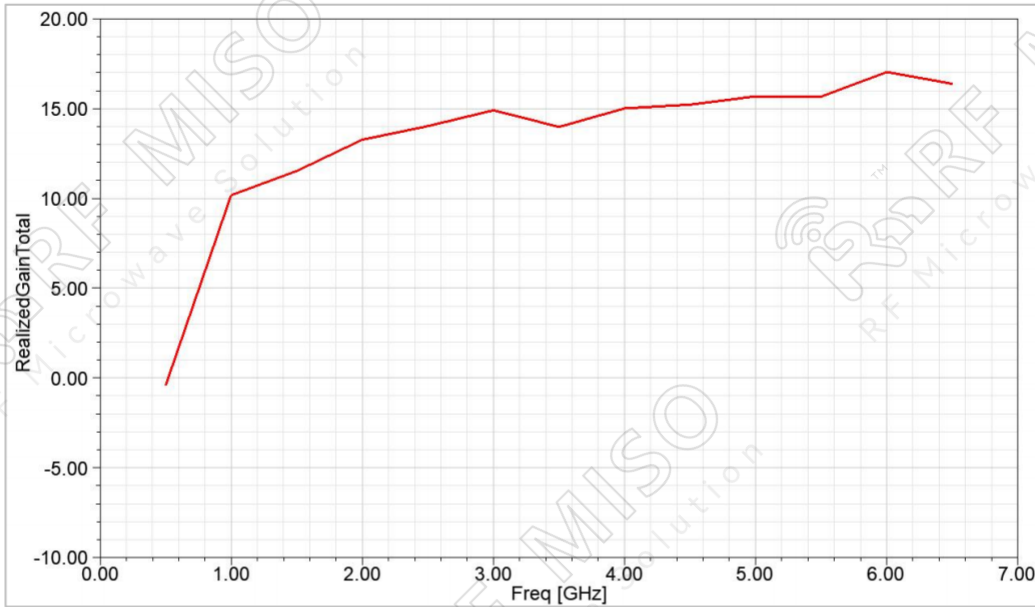


Broadband Horn Antenna
15 dBi Typ. Gain, 1 GHz-6 GHz Frequency Range

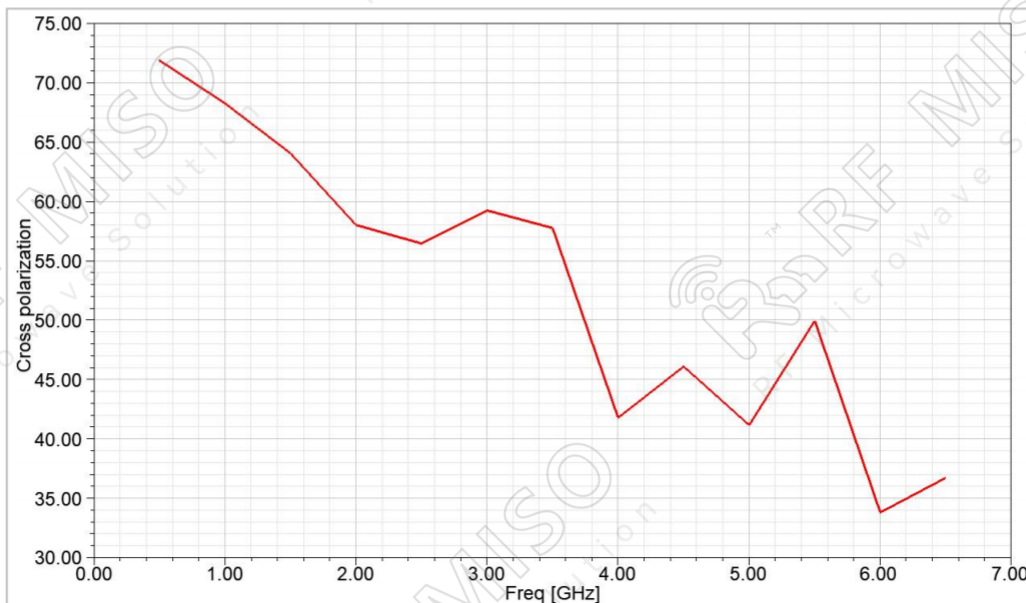
Broadband Horn Antenna Data Sheet

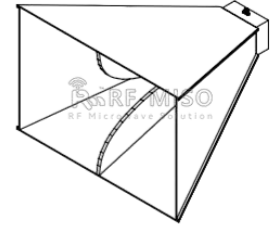
RM-BDHA16-15

Gain



Cross Polarization



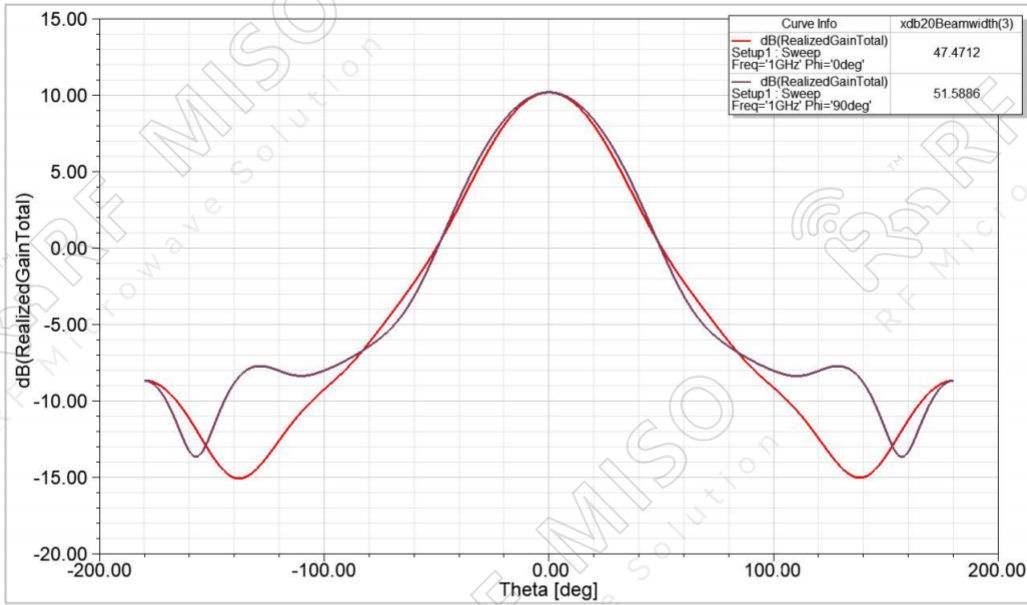


Broadband Horn Antenna
15 dBi Typ. Gain, 1 GHz-6 GHz Frequency Range

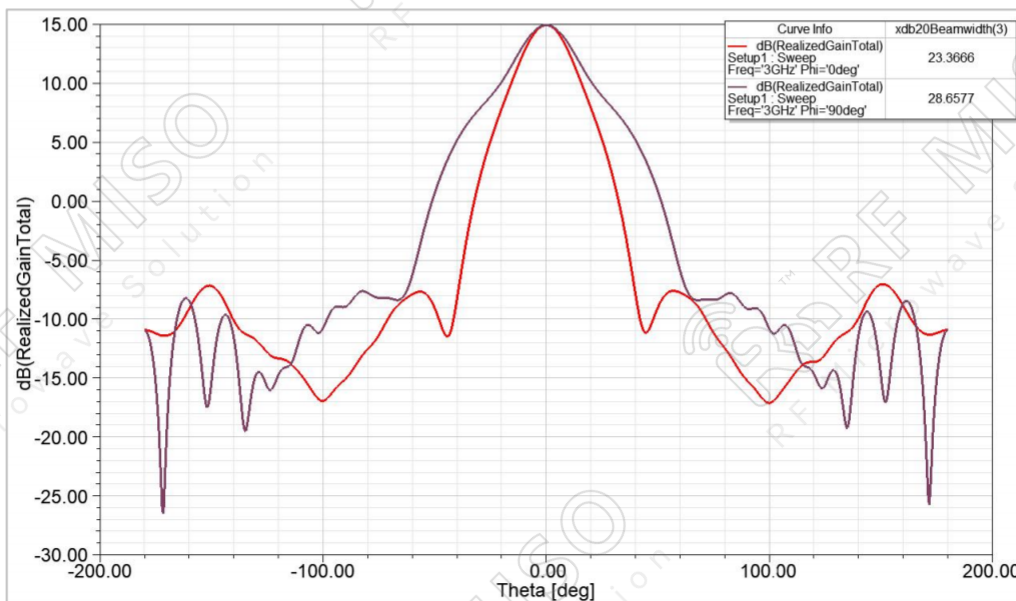
Broadband Horn Antenna Data Sheet

RM-BDHA16-15

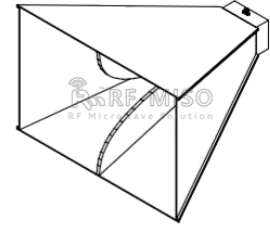
Gain Pattern



1 GHz



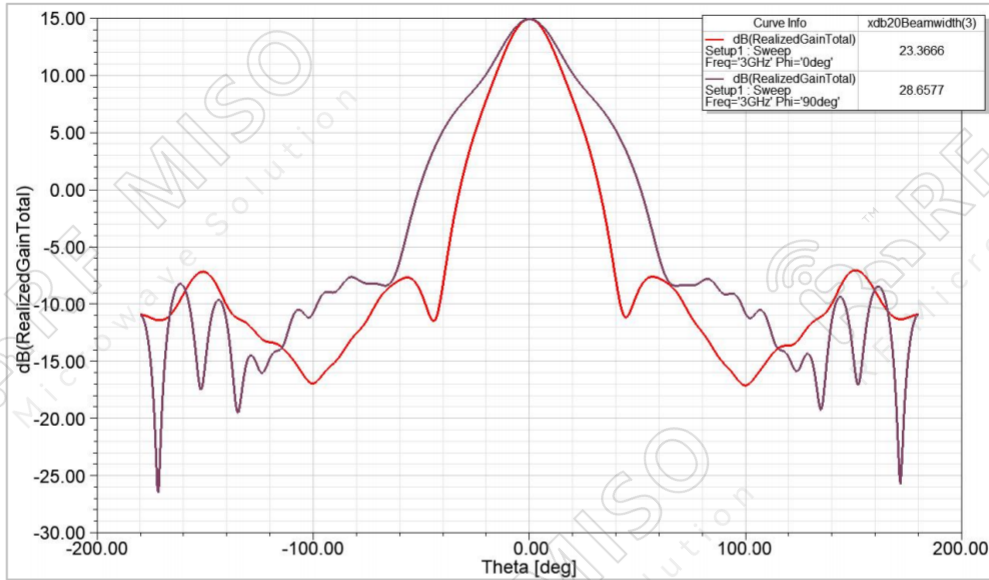
2 GHz



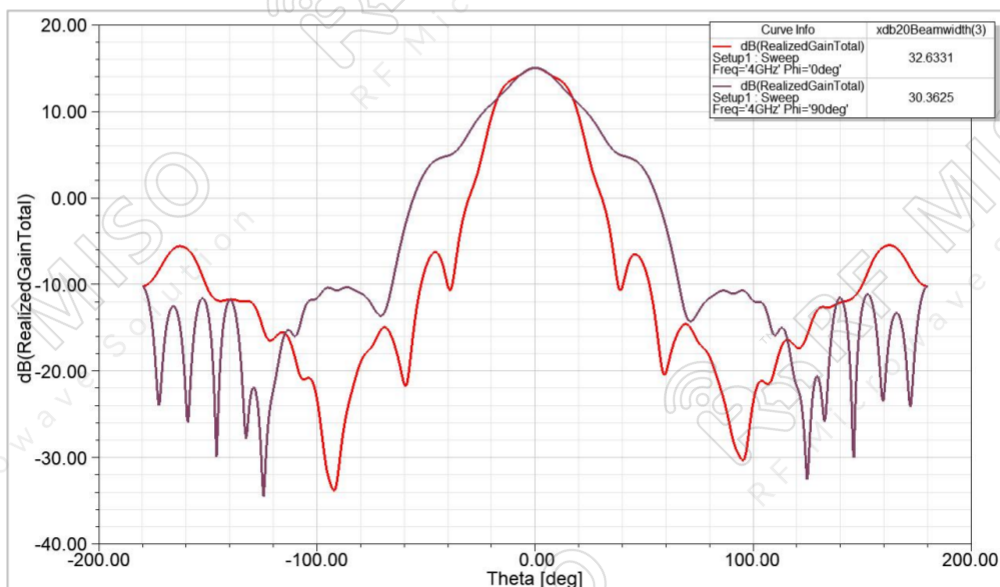
Broadband Horn Antenna
15 dBi Typ. Gain, 1 GHz-6 GHz Frequency Range

Broadband Horn Antenna Data Sheet

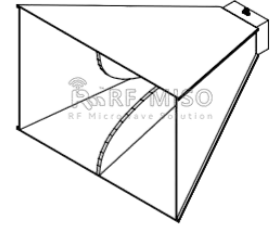
RM-BDHA16-15



3 GHz



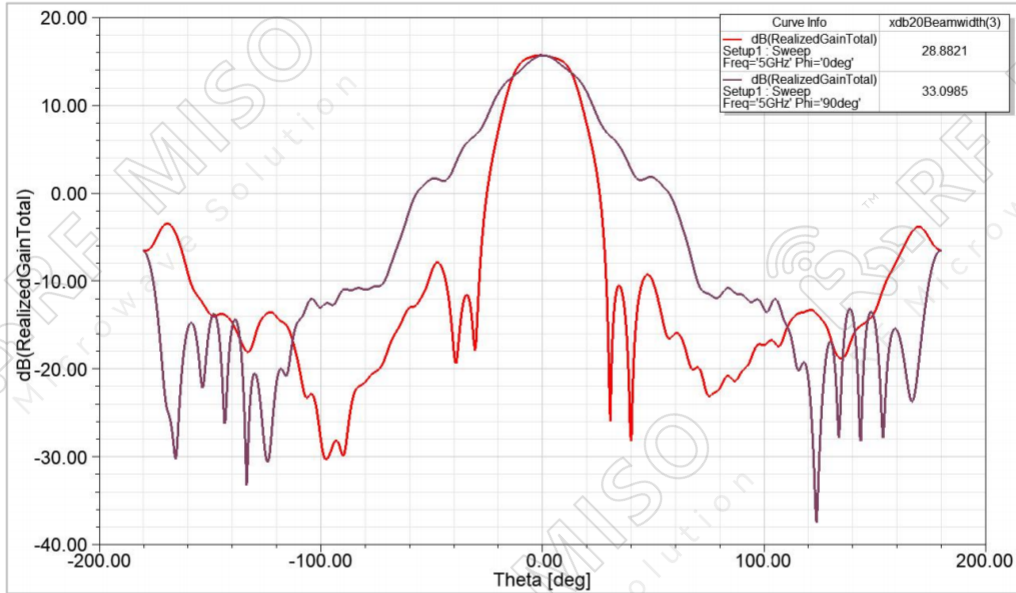
4 GHz



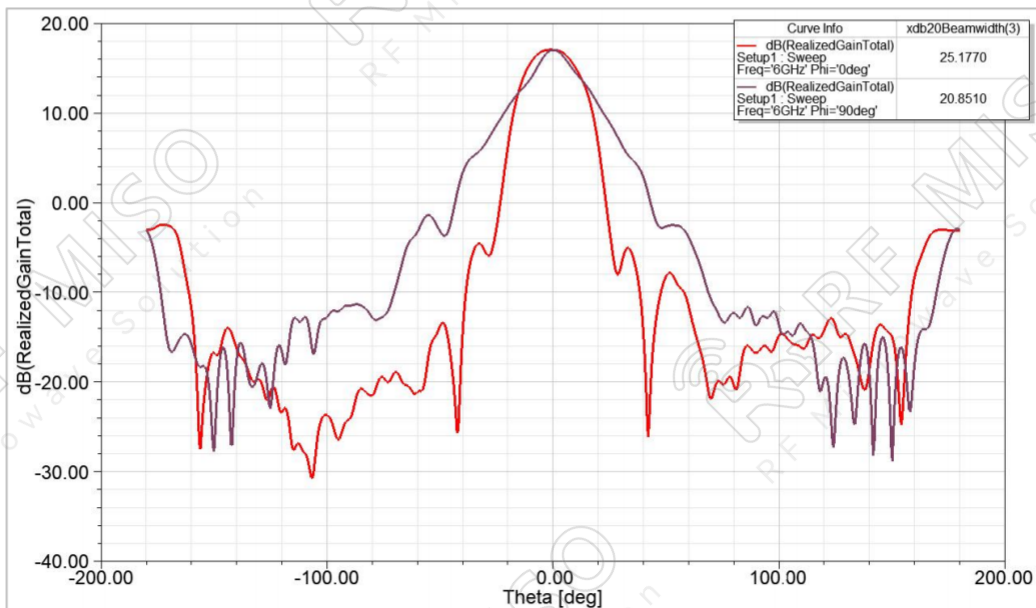
Broadband Horn Antenna
15 dBi Typ. Gain, 1 GHz-6 GHz Frequency Range

Broadband Horn Antenna Data Sheet

RM-BDHA16-15



5 GHz



6 GHz