

Broadband Horn Antenna Data Sheet

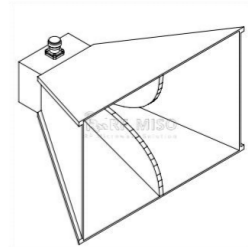
RM-BDHA12-8

Descriptions

RF MISO's **Model RM-BDHA12-8** is linear polarized broadband horn antenna that operates from 1 to 2 GHz. The antenna offers a typical gain of 8 dBi and low VSWR 1.5 Typ. with N-Female type connector. RM-BDHA12-8 can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

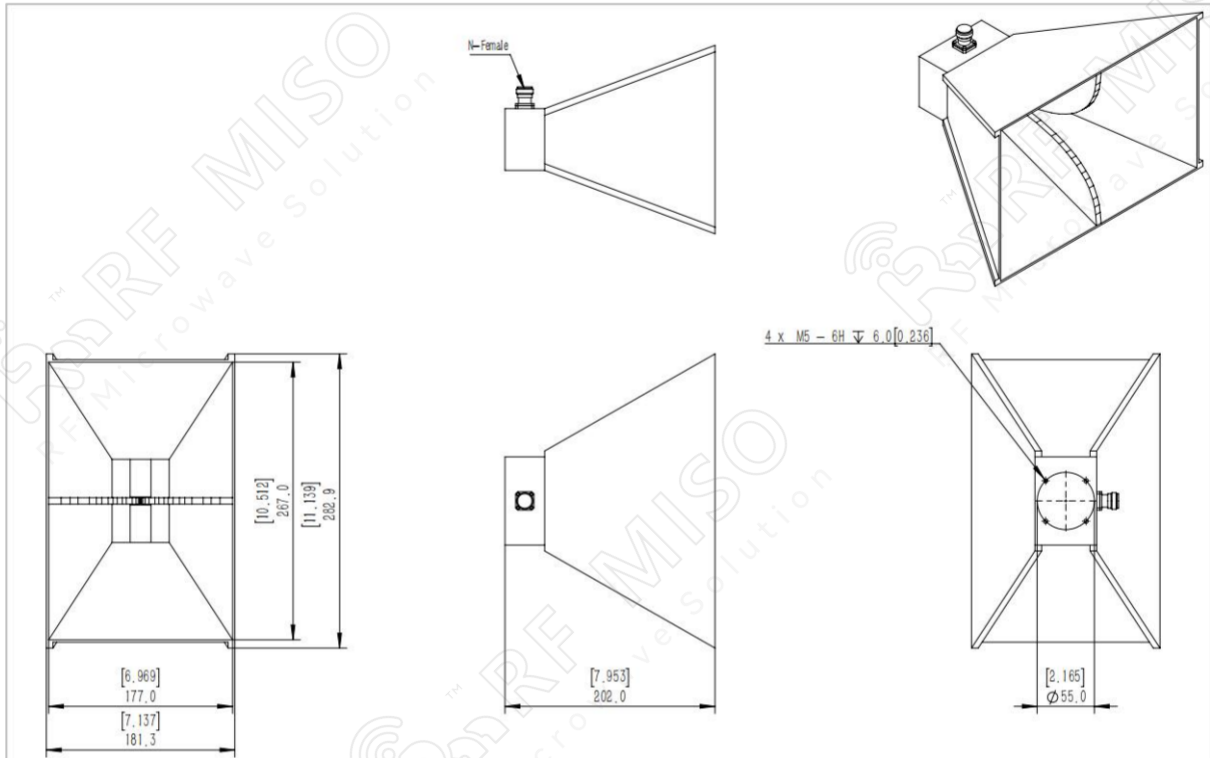
RM-BDHA12-8		
Parameters	Specifications	Units
Frequency Range	1-2	GHz
Gain	8 Typ.	dBi
VSWR	1.5 Typ.	
Cross Polarization	45 Typ.	dB
Polarization	Linear	
Connector	N-Female	
Finishing	Paint Black	
Material	Al	
Size(L*W*H)	202.0*282.9*181.3(±5)	mm
Weight	1.245	kg
Power Handling,CW	300	W
Power Handling,Peak	500	W



Broadband Horn Antenna Data Sheet

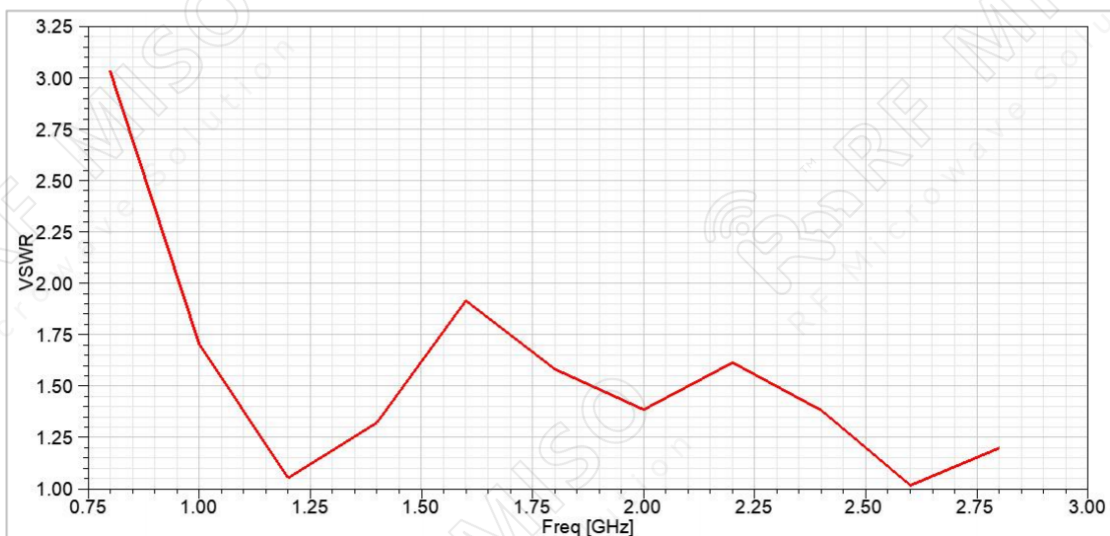
RM-BDHA12-8

Outline Drawing

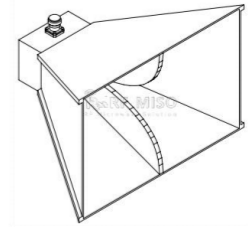


Simulation Data

VSWR



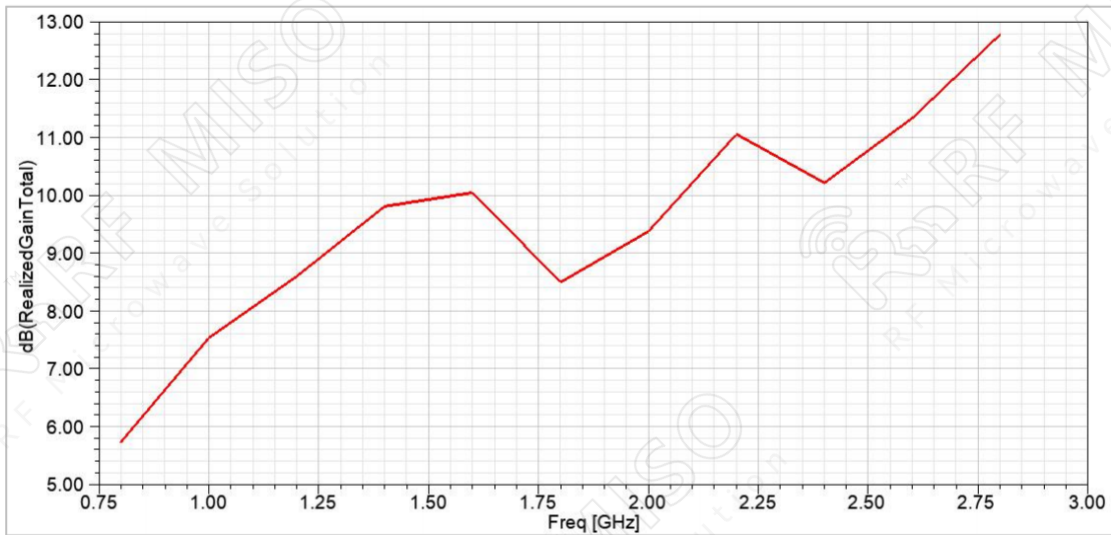
Broadband Horn Antenna
8dBi Typ. Gain, 1-2GHz Frequency Range



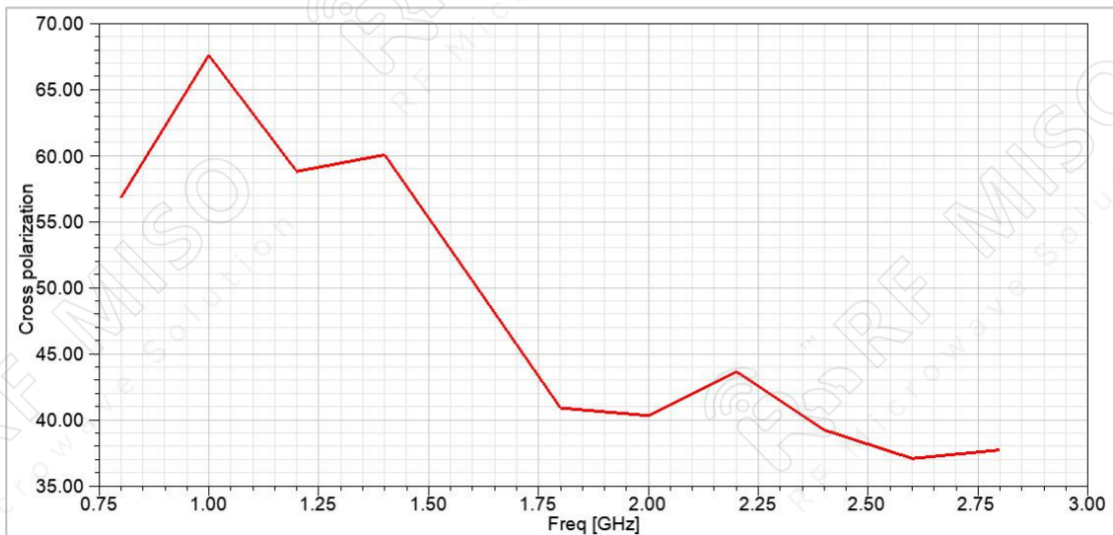
Broadband Horn Antenna Data Sheet

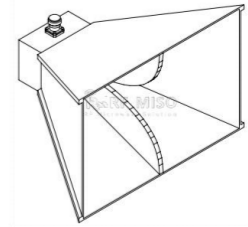
RM-BDHA12-8

Gain



Cross Polarization

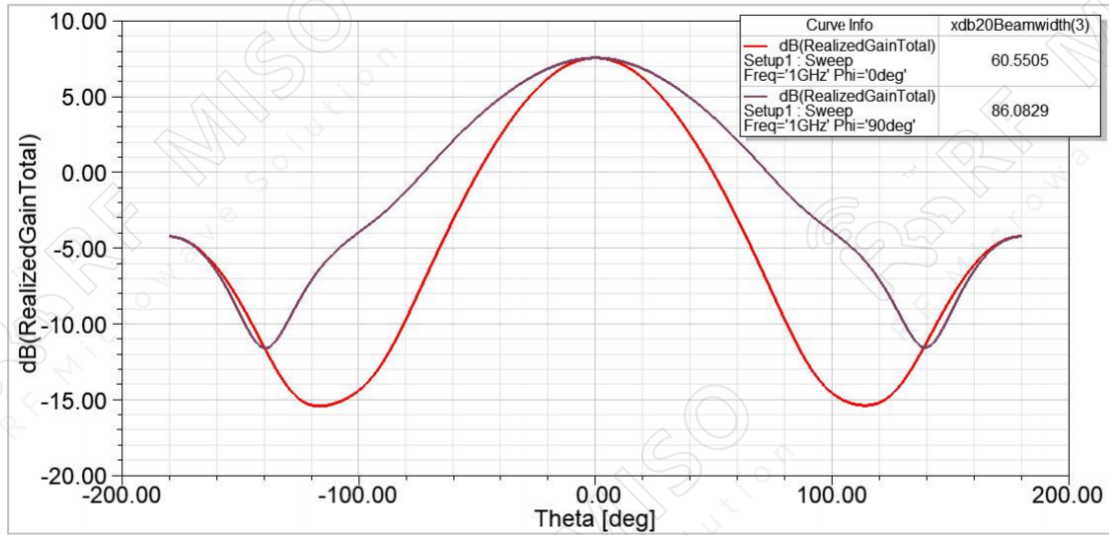




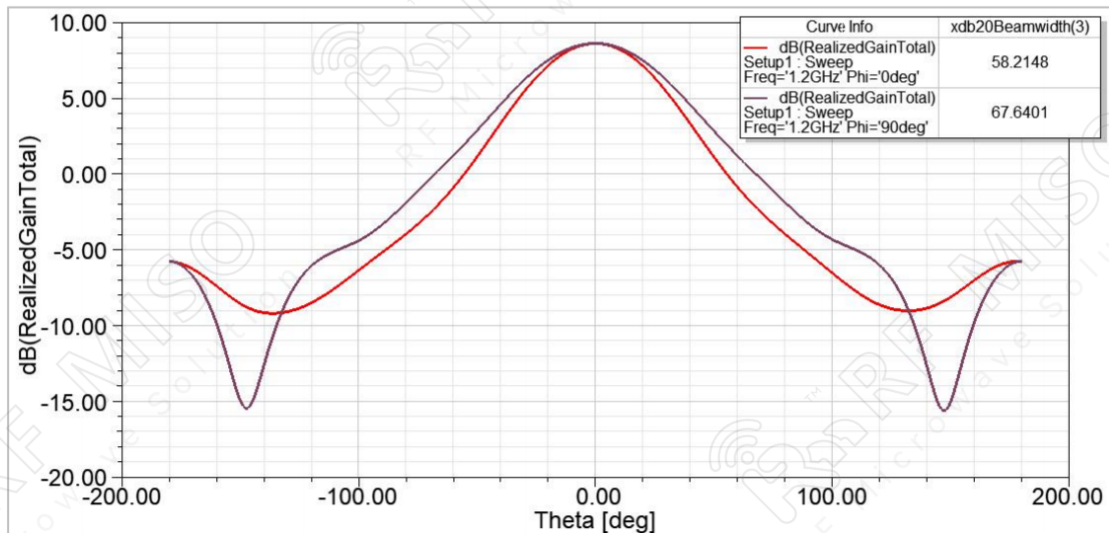
Broadband Horn Antenna Data Sheet

RM-BDHA12-8

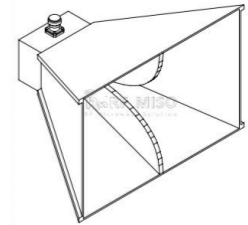
Gain Pattern



1 GHz



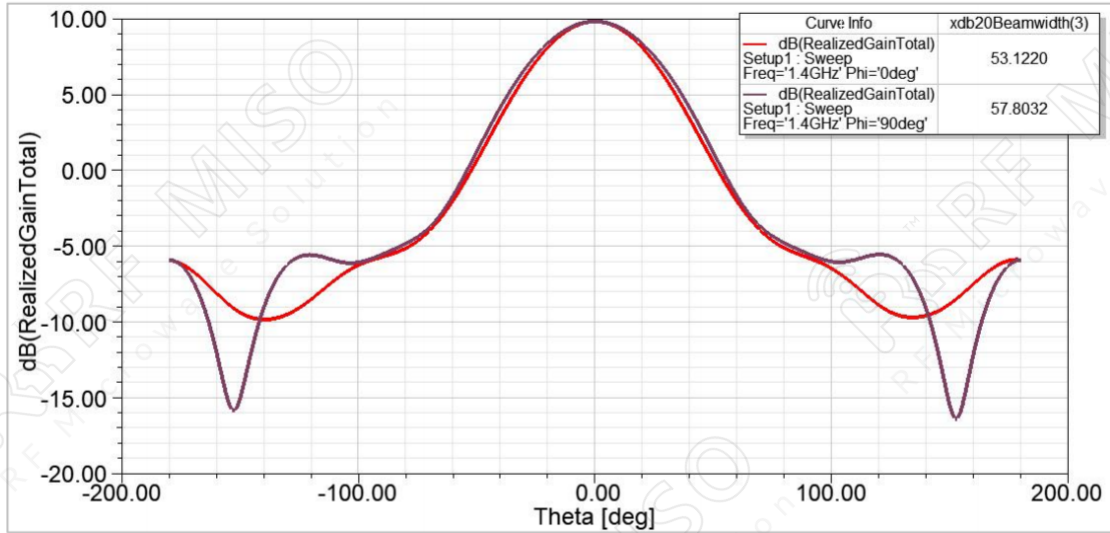
1.2 GHz



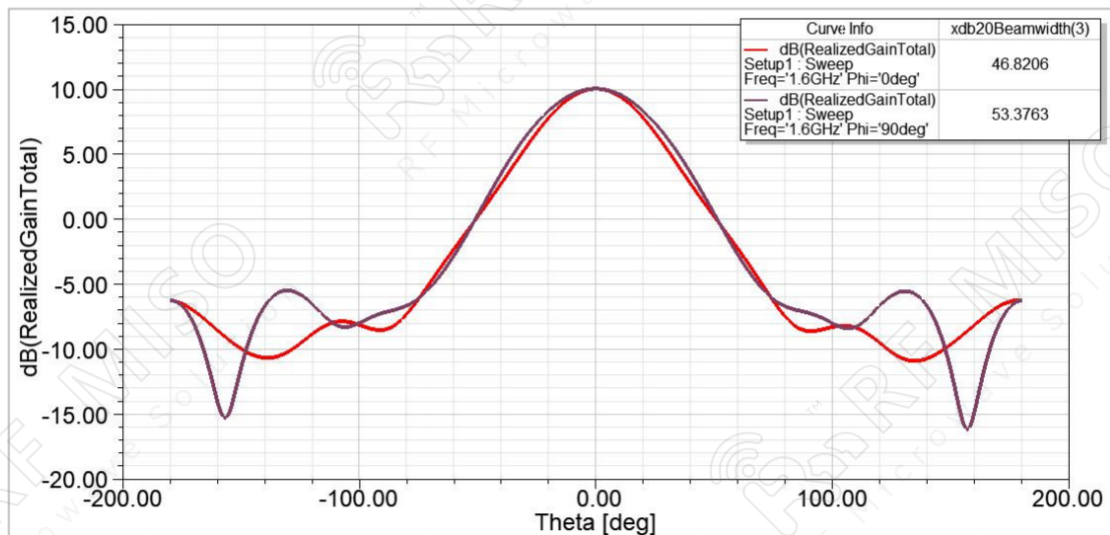
Broadband Horn Antenna
8dBi Typ. Gain, 1-2GHz Frequency Range

Broadband Horn Antenna Data Sheet

RM-BDHA12-8

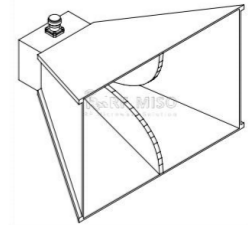


1.4 GHz



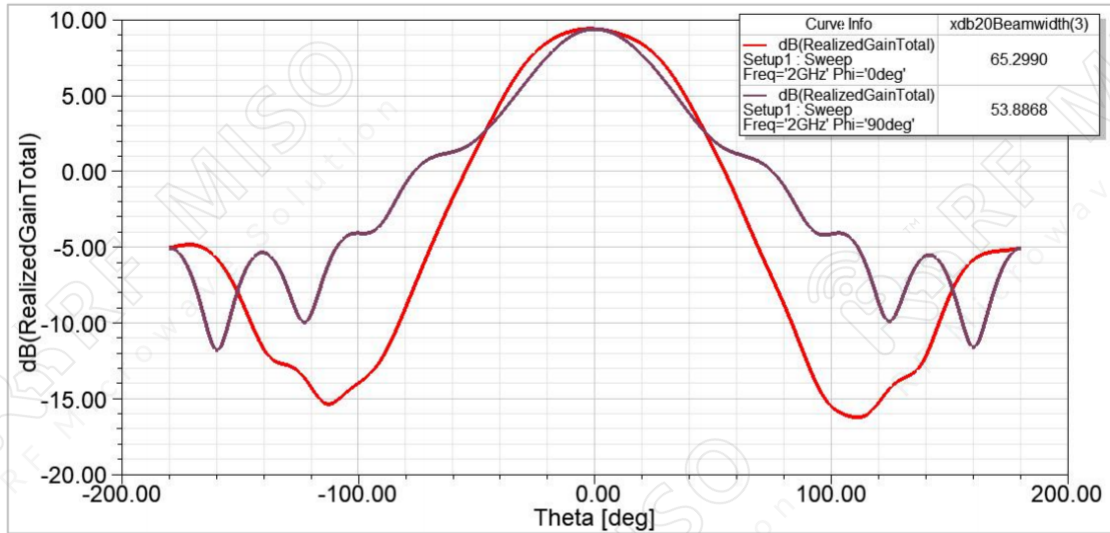
1.6 GHz

Broadband Horn Antenna
8dBi Typ. Gain, 1-2GHz Frequency Range



Broadband Horn Antenna Data Sheet

RM-BDHA12-8



2 GHz