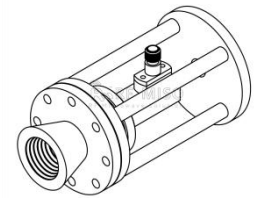


Corrugated Horn Antenna
16dBi Typ. Gain, 50-75GHz Frequency Range



Corrugated Horn Antenna Data Sheet

RM-CGHA15-16

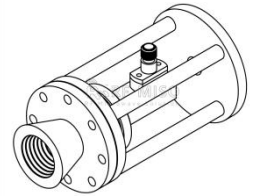
Description

Linear-polarized corrugated horn antenna RM-CGHA15-16, operating frequency 50 to 75 GHz, gain 16dB Typ., VSWR <1.5, equipped with 1.0-F connector. Widely used in 5G and millimeter wave, radar systems, satellite communications, etc.

Specifications

RM-CGHA15-16		
Parameters	Specification	Unit
Frequency Range	50-75	GHz
Gain	16 Typ.	dBi
VSWR	<1.5	
Polarization	Linear	
Cross Polarization	60 Typ.	dB
3dB Beamwidth,E-Plane	25.74~34.60	deg
3dB Beamwidth,H-Plane	25.71~38.92	deg
Connector	1.0-Female	
Waveguide	WR15	
Material	Cu	
Finishing	Paint	
Size(L*W*H)	60.0*Ø32.0	mm
Weight	0.043	Kg

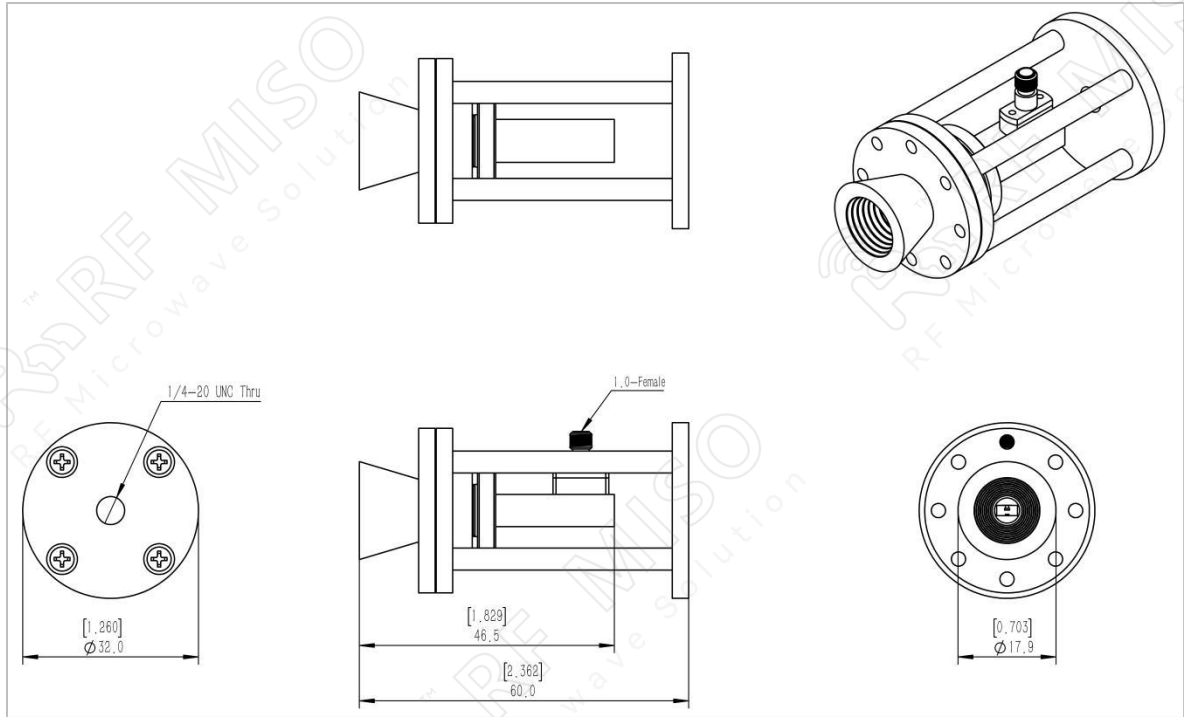
Corrugated Horn Antenna
16dBi Typ. Gain, 50-75GHz Frequency Range



Corrugated Horn Antenna Data Sheet

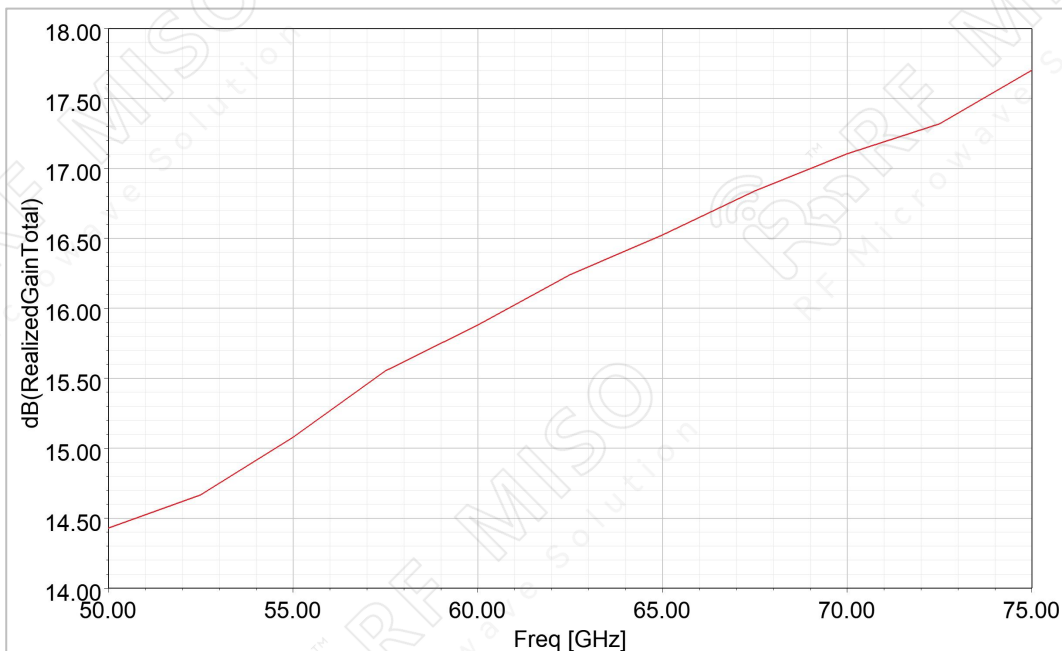
RM-CGHA15-16

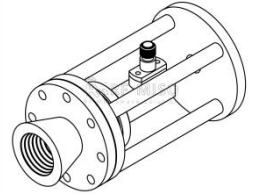
Outline Drawing



Simulated Results

Gain

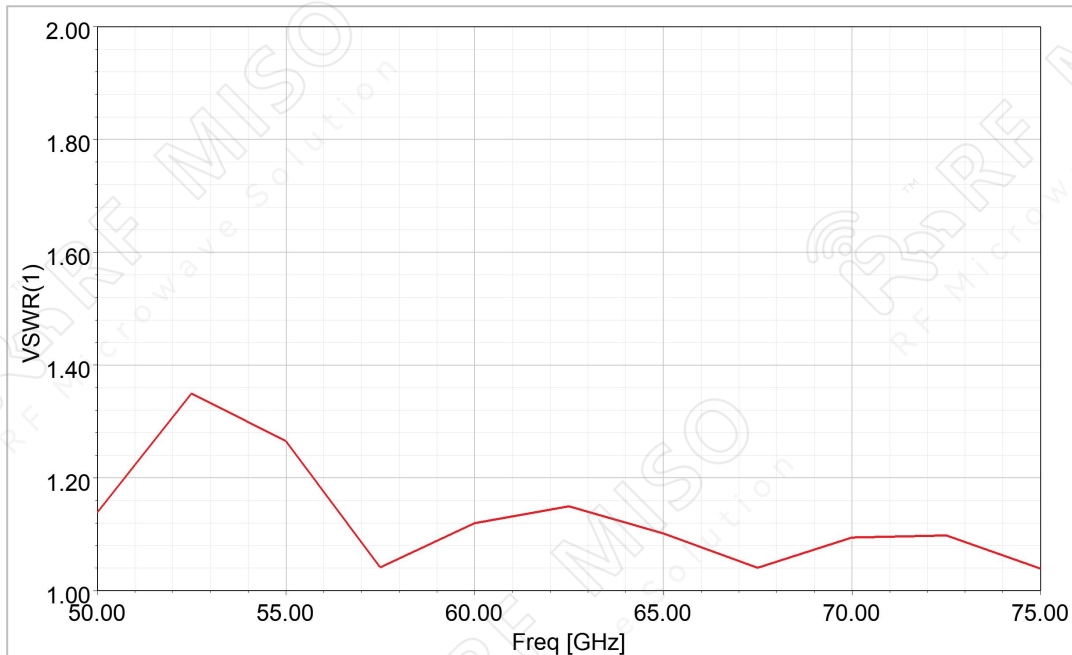




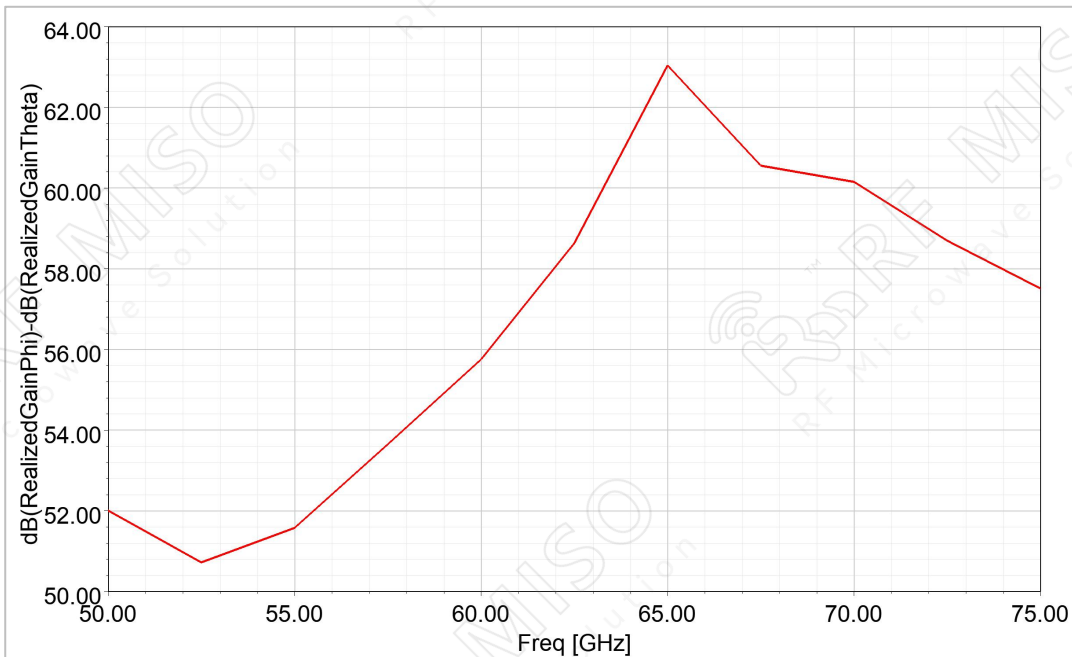
Corrugated Horn Antenna Data Sheet

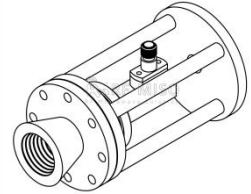
RM-CGHA15-16

VSWR



Cross polarization





Corrugated Horn Antenna Data Sheet

RM-CGHA15-16

Pattern

