

Corrugated Horn Antenna
16dBi Typ. Gain, 12.4-18GHz Frequency Range

Corrugated Horn Antenna Data Sheet

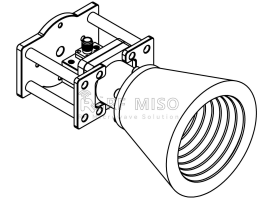
RM-CGHA62-16

Description

Linear-polarized corrugated horn antenna RM-CGHA62-16, operating frequency 12.4 to 18 GHz, gain 16dB Typ., VSWR <1.5, equipped with SMA-F connector. Widely used in 5G and millimeter wave, radar systems, satellite communications, etc.

Specifications

RM-CGHA62-16		
Parameters	Specification	Unit
Frequency Range	12.4-18	GHz
Gain	16 Typ.	dBi
VSWR	<1.5	
Polarization	Linear	
Cross Polarization	60 Typ.	dB
3dB Beamwidth,E-Plane	25.05~34.08	deg
3dB Beamwidth,H-Plane	23.64~38.41	deg
Connector	SMA-Female	
Waveguide	WR62	
Material	Al	
Finishing	Paint	
Size(L*W*H)	121.0*Ø69.8	mm
Weight	0.229	Kg

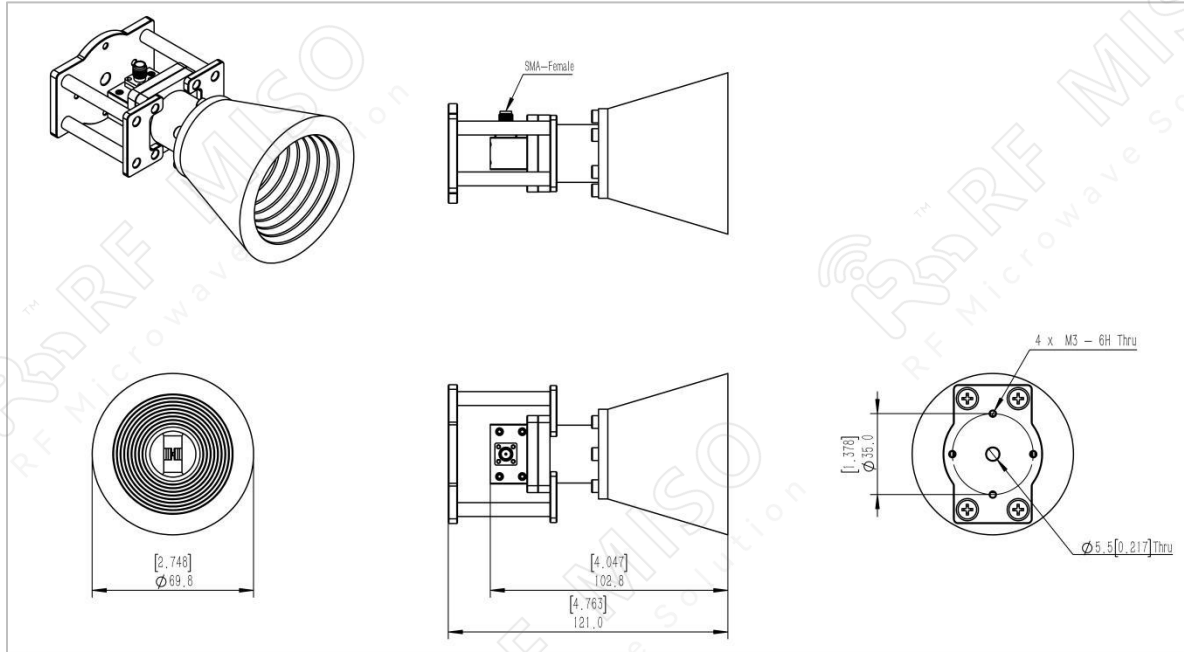


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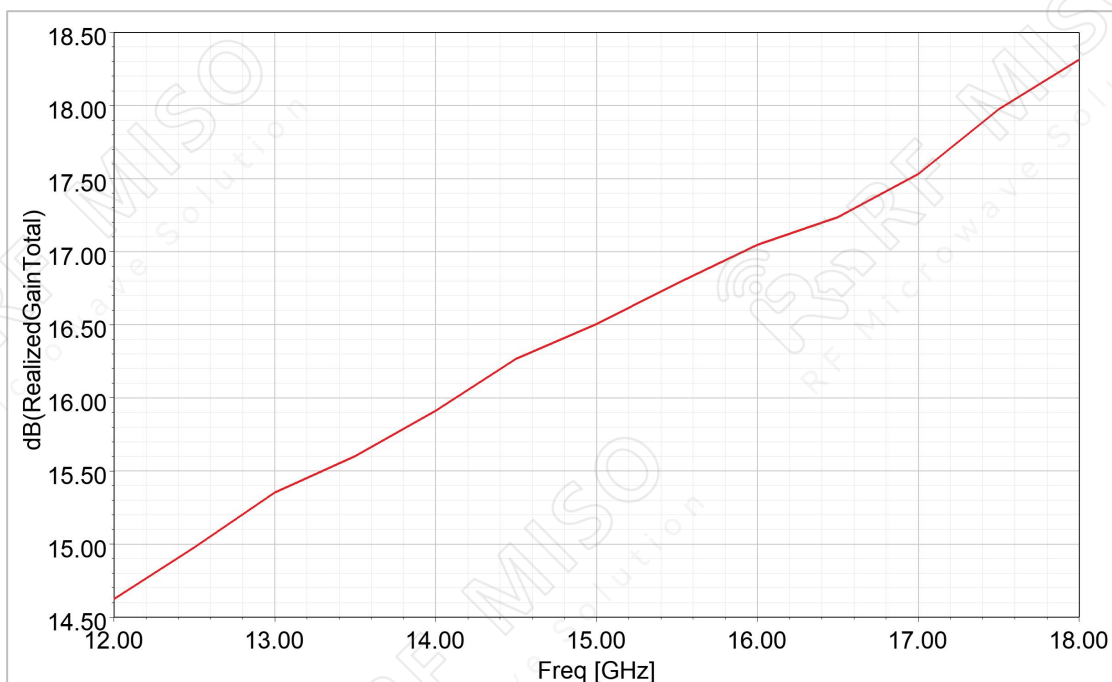
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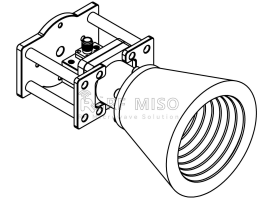
Outline Drawing



Simulated Results

Gain



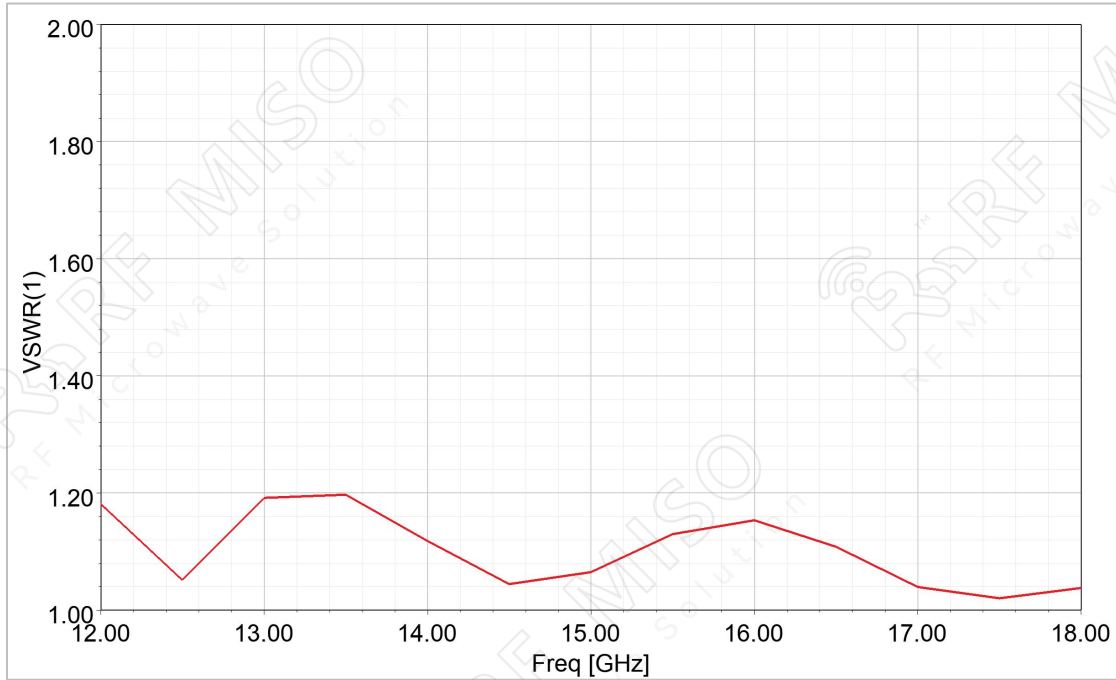


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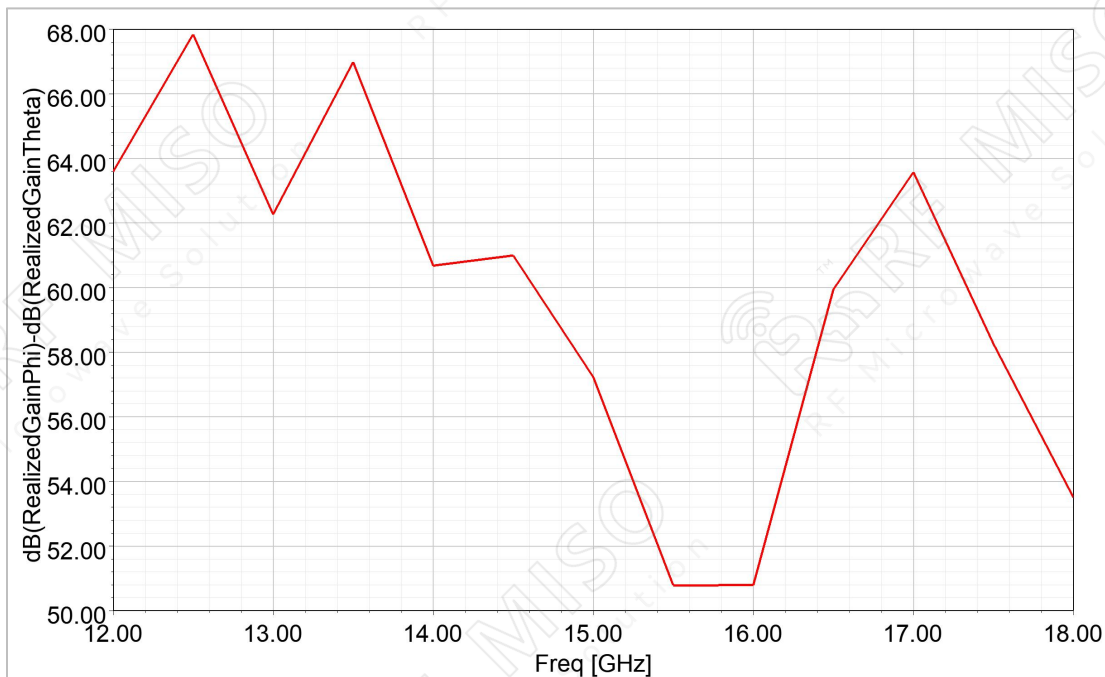
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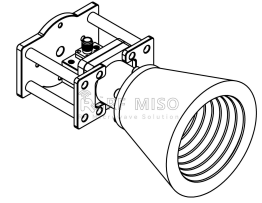
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VSWR



Cross polarization





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Pattern

