

*Dual Circular Polarized Horn Antenna
12 dBi Typ. Gain, 6-18 GHz Frequency Range*

Dual Circular Polarized Horn Antenna

RM-DCPHA618-12

Features

- Good Orientation
- Low VSWR
- Small Size
- Dual circular

Descriptions

RF MISO's **Model RM-DCPHA618-12** is a dual circular polarized horn antenna that operates from 6 to 18GHz, The antenna offers 12 dBi typical gain. The antenna VSWR is typical 1.3:1. The antenna is SMA-Femal connector. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

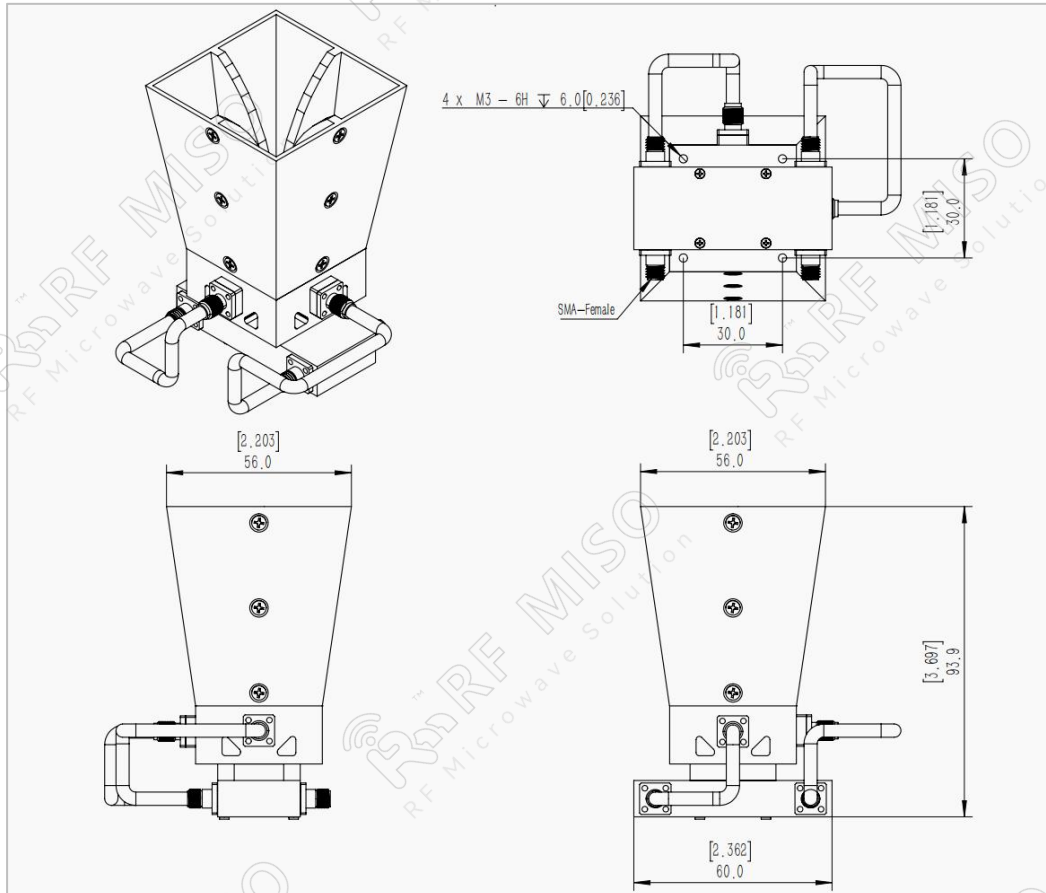
Parameters	Specification	Unit
Frequency Range	6-18	GHz
Gain	12 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Dual Circular	
Impedance	50	Ohm
Cross Polarization	30 Typ.	dB
Interface	SMA-Female	
Material	Al	
Finishing	Paint	
Size	93.9*60*60 (±5)	mm
Weight	0.304	Kg
Power Handling, CW	20	W
Power Handling, Peak	100	W

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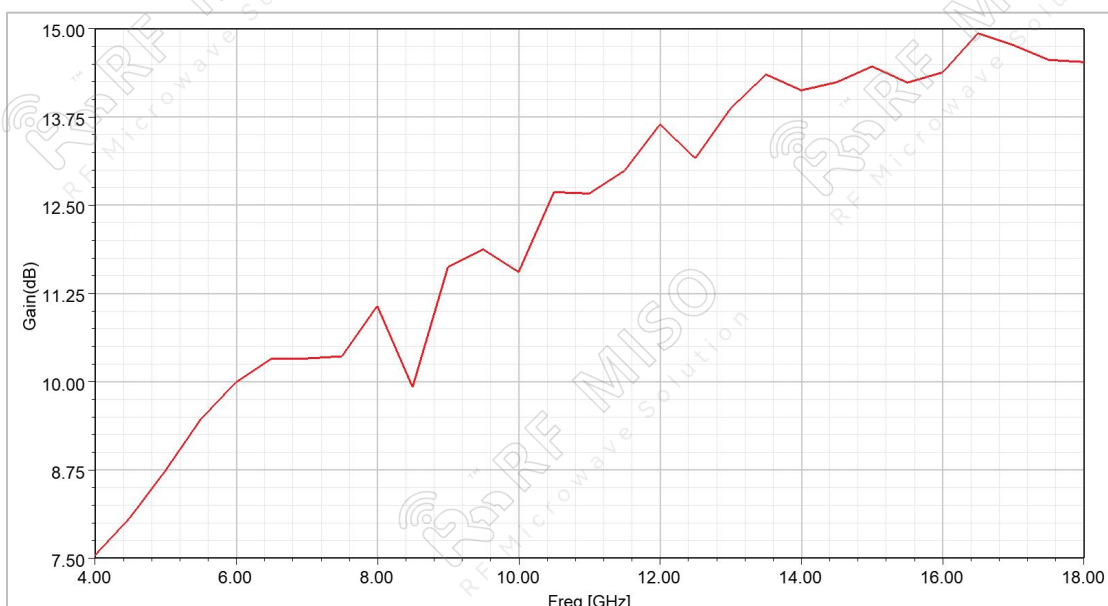
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Mechanical Drawing



Simulated Results

Gain

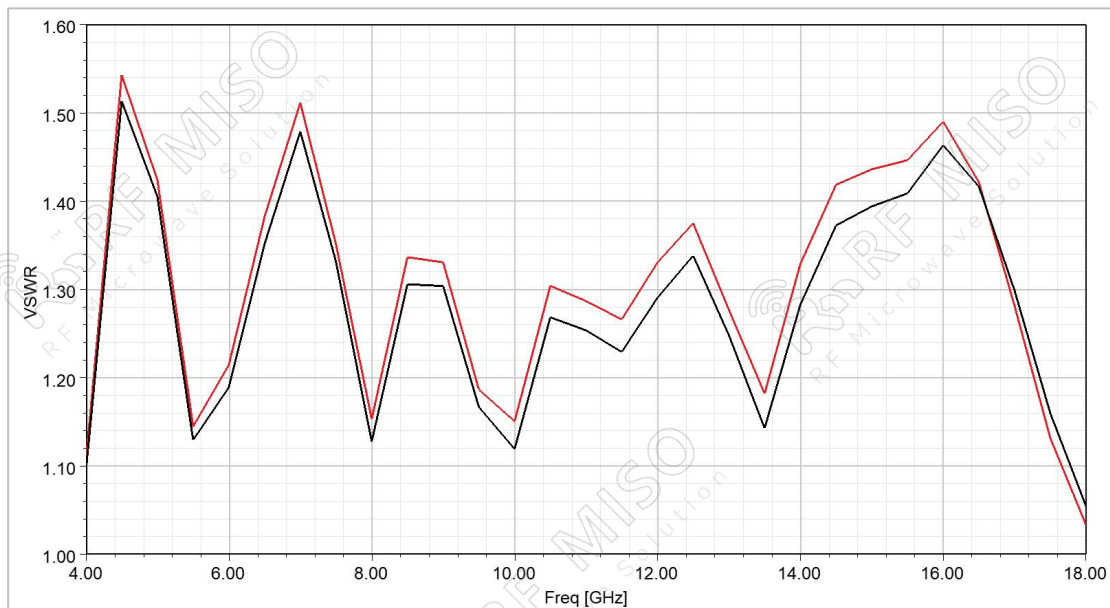


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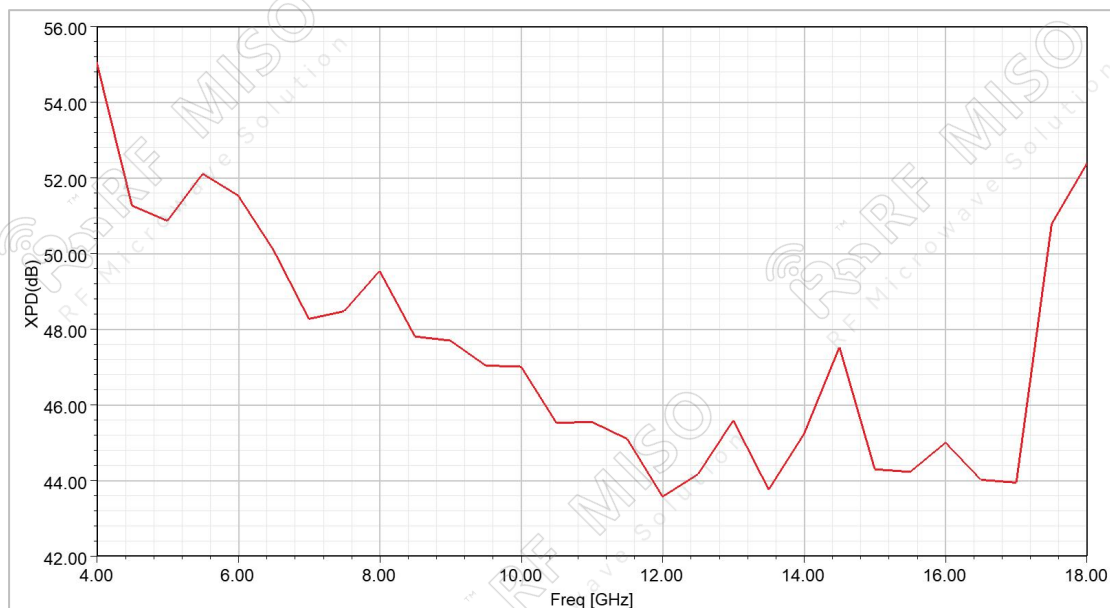
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VSWR



Cross Polarization



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Pattern

