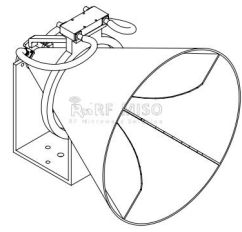


Dual Circular Polarized Horn Antenna
13 dBi Typ. Gain, 2-6GHz Frequency Range



Dual Circular Polarized Horn Antenna

RM-DCPHA26-13

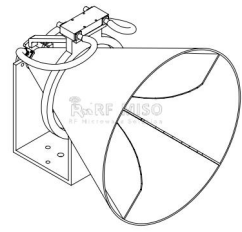
Descriptions

RF MISO's **Model RM-DCPHA26-13** is a dual circular polarized horn antenna that operates from 2 to 6 GHz, The antenna offers 13dBi typical gain. The antenna VSWR is typical 1.5:1. The antenna interface is N-Female. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-DCPHA26-13		
Item	Specification	Units
Frequency Range	2-6	GHz
VSWR	1.5 Typ.	
Gain	13 Typ.	dBi
Cross polarization	55	dB
3dB Beamwidth	20.9~42.9	deg
Polarization	Dual Circular Polarized	
Connector	N-Female	
Finishing	Paint	
Material	Al	dB
Size(L*W*H)	249.0*241.7*250.9(±5)	mm
Weight	1.318	kg
Power Handling	300	W

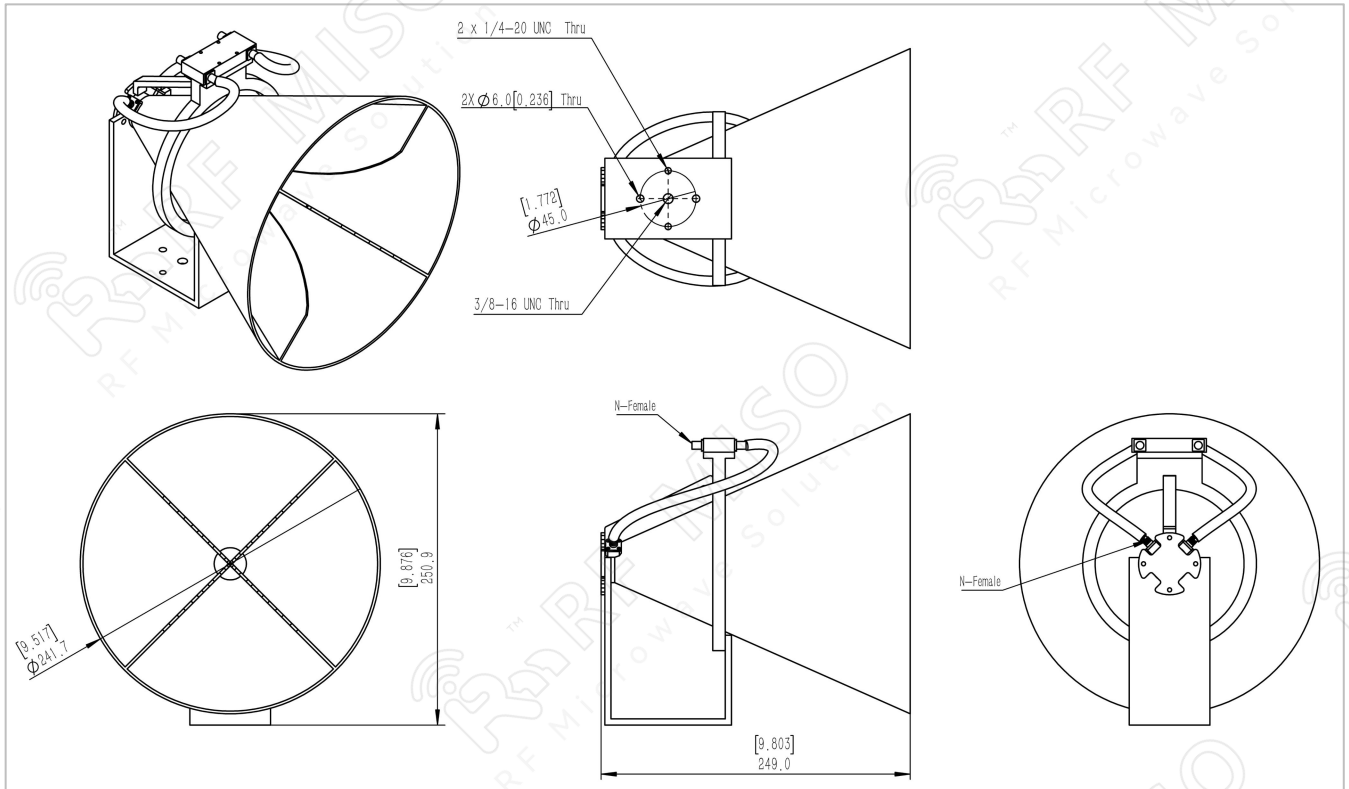
Dual Circular Polarized Horn Antenna
13 dBi Typ. Gain, 2-6GHz Frequency Range



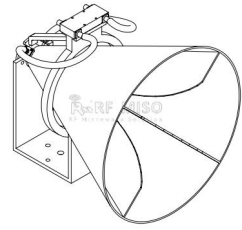
Dual Circular Polarized Horn Antenna

RM-DCPHA26-13

Outline Drawing



Dual Circular Polarized Horn Antenna
13 dBi Typ. Gain, 2-6GHz Frequency Range

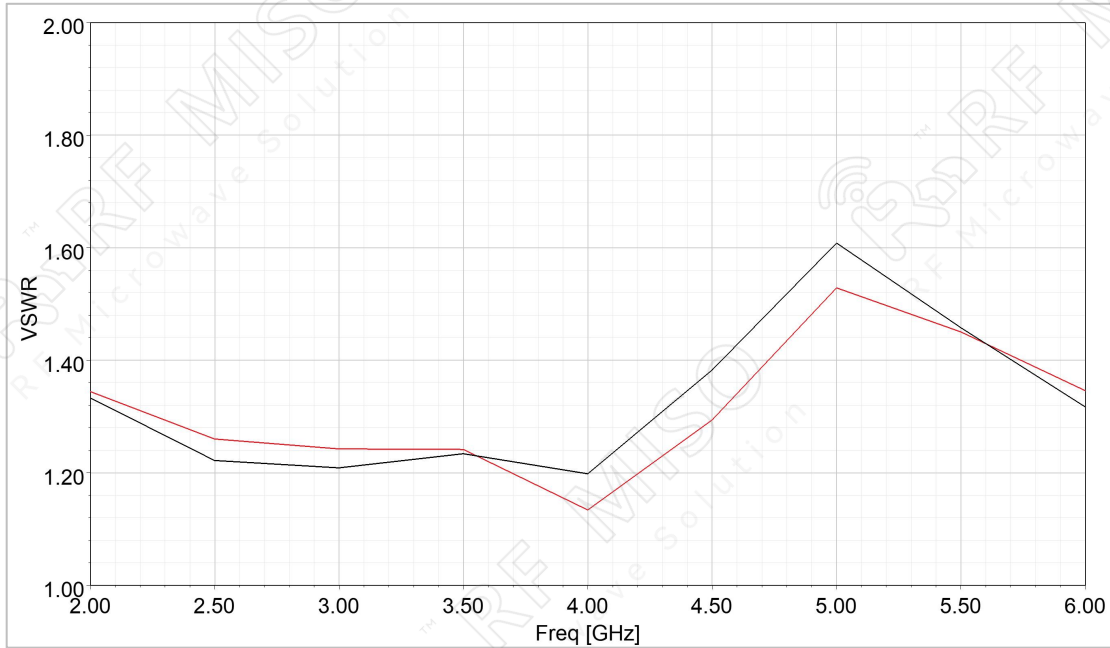


Dual Circular Polarized Horn Antenna

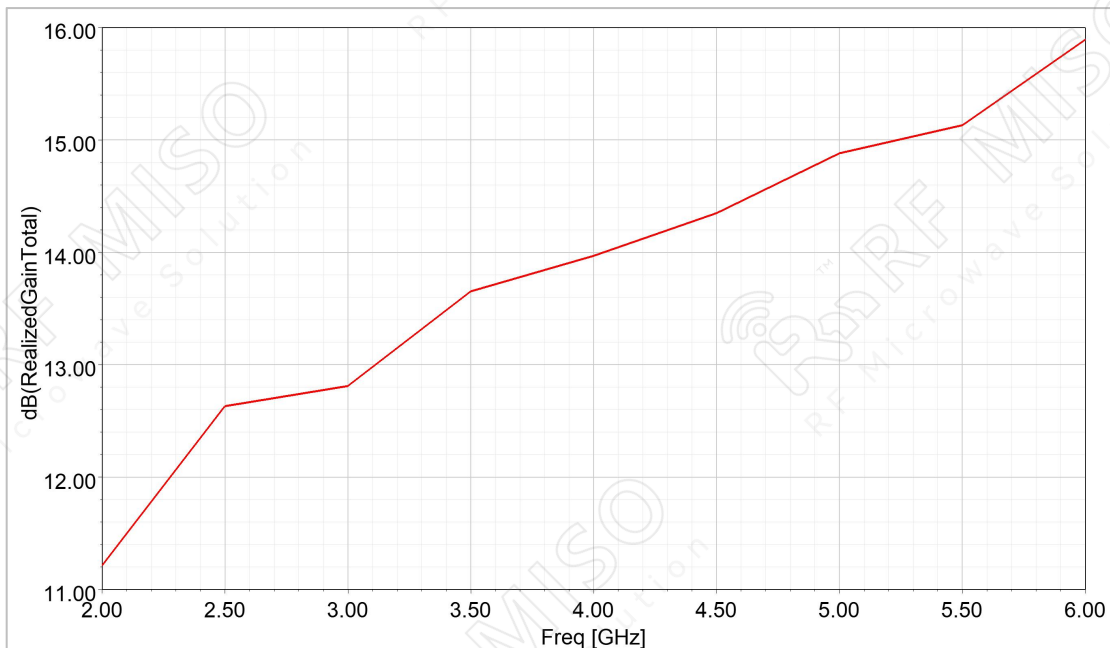
RM-DCPHA26-13

Simulation Data

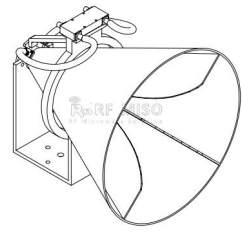
VSWR



Gain



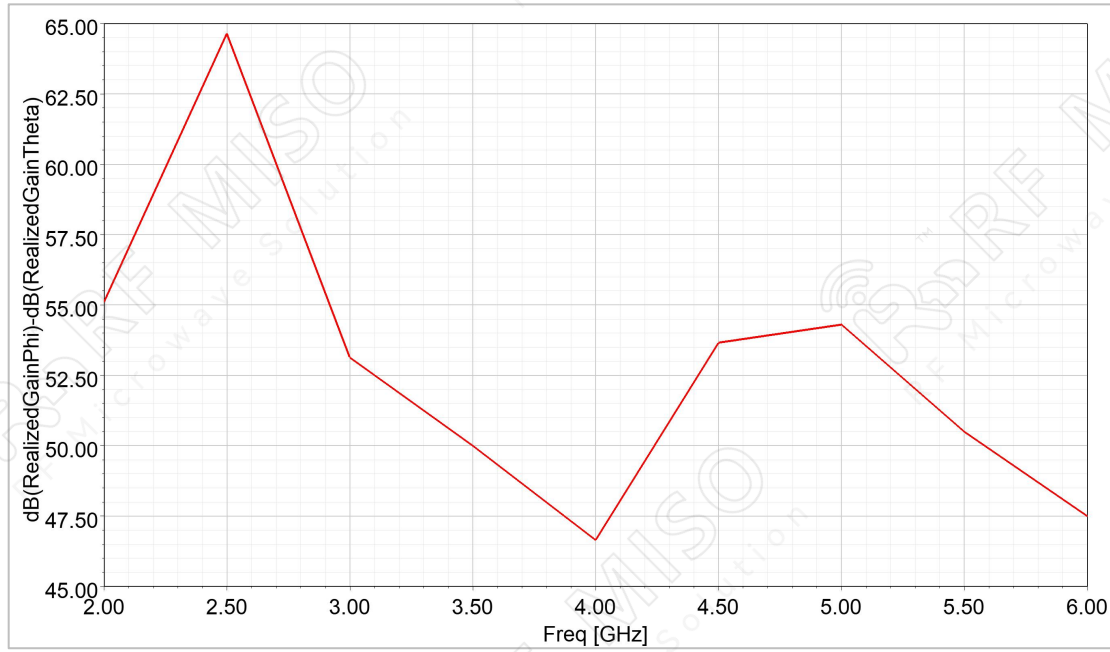
Dual Circular Polarized Horn Antenna
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Dual Circular Polarized Horn Antenna

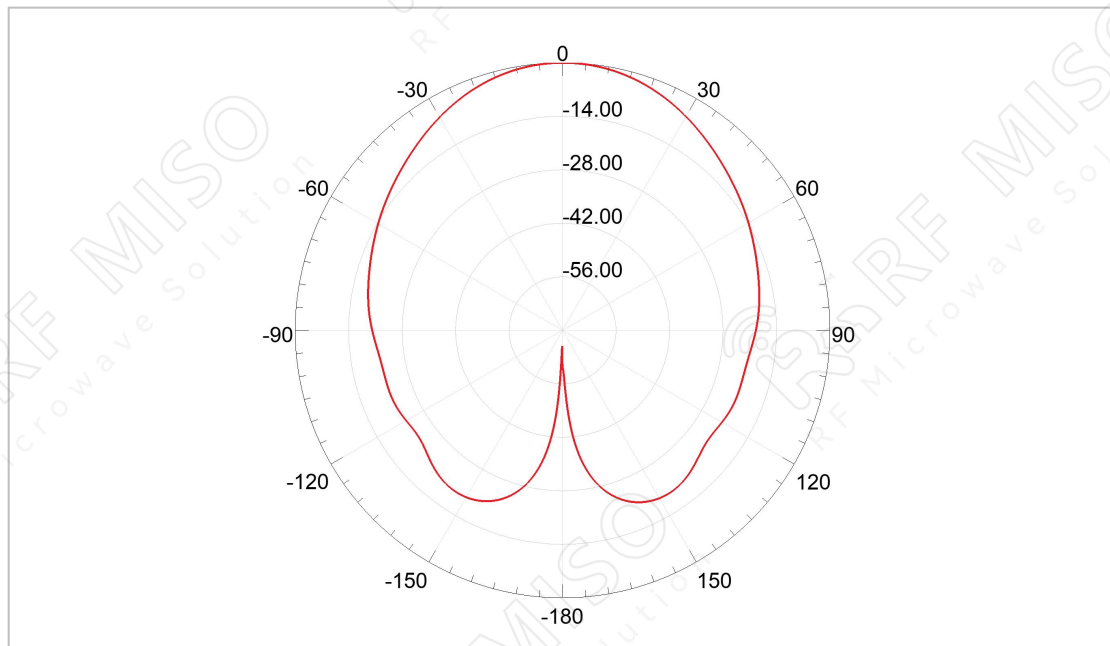
RM-DCPHA26-13

Cross Polarization

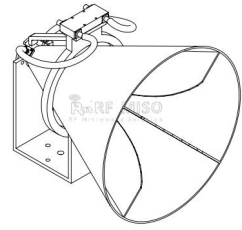


Pattern and 3dB-beamwidth

2 GHz



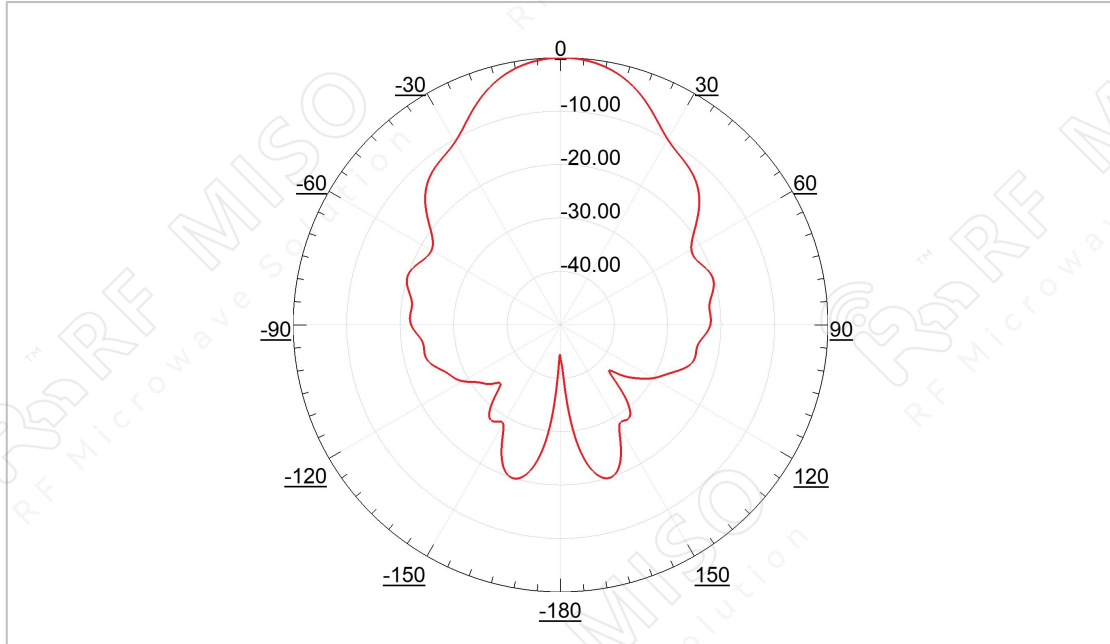
Dual Circular Polarized Horn Antenna
13 dBi Typ. Gain, 2-6GHz Frequency Range



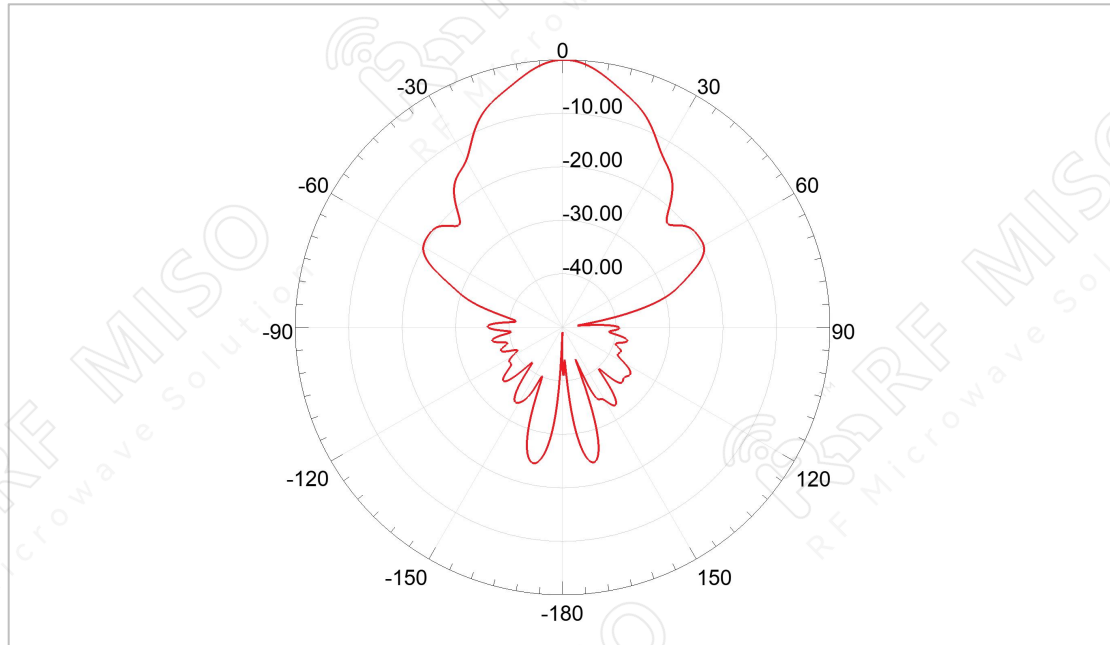
Dual Circular Polarized Horn Antenna

RM-DCPHA26-13

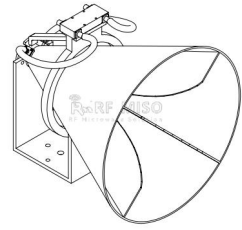
4 GHz



6 GHz



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