

*Conical Dual Polarized Horn Antenna
2-8 GHz Frequency Range, 13 dBi Typ. Gain*

Conical Dual Polarized Horn Antenna Data Sheet

RM-CDPHA28-13

Features

- Coaxial Adapter for RF Inputs
- Low VSWR
- Broadband Operation
- Dual Linear Polarized

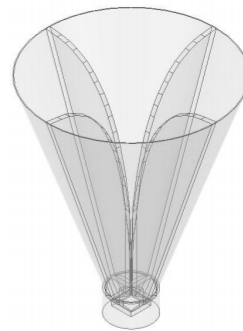
Descriptions

RF MISO's **Model RM-CDPHA28-13** is a dual polarized horn antenna that operates from 2 to 8GHz, The antenna offers 13 dBi typical gain. The antenna VSWR is 1.5:1 typical. The antenna cross polarization isolation is typical 50 dB and port isolation is 30 dB. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-CDPHA28-13		
Parameters	Typical	Units
Frequency Range	2-8	GHz
Gain	13 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Dual Linear	
Cross Polarization Isolation	50 Typ.	dB
Port Isolation	30	dB
Connector	SMA-Female	
Finishing	Paint	
Size (L*W*H)	282.9*232.74*232.74	mm
Weight	1.537	kg
Power Handling, CW	50	W
Power Handling, Peak	100	W

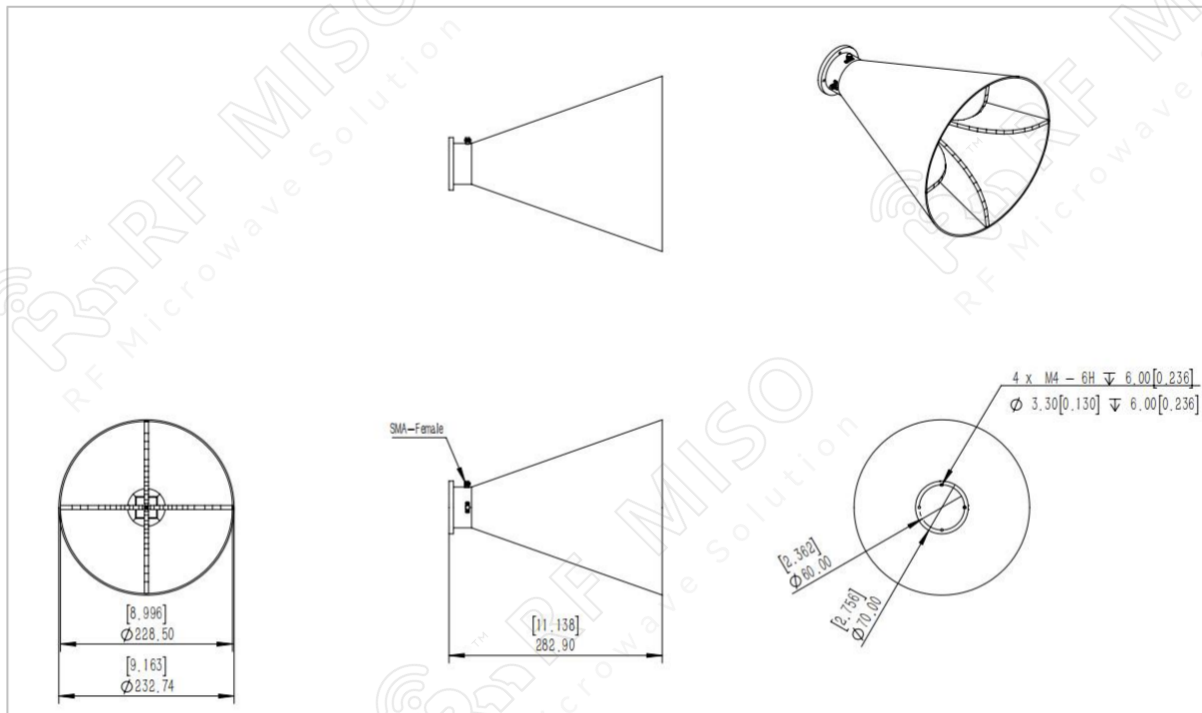
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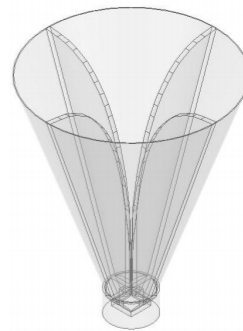


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Outline Drawing





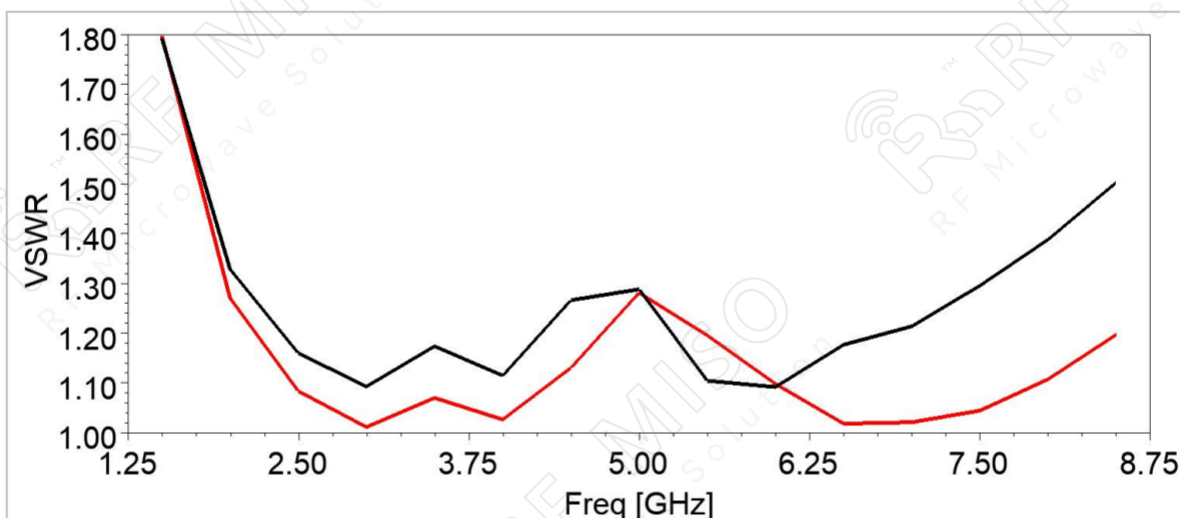
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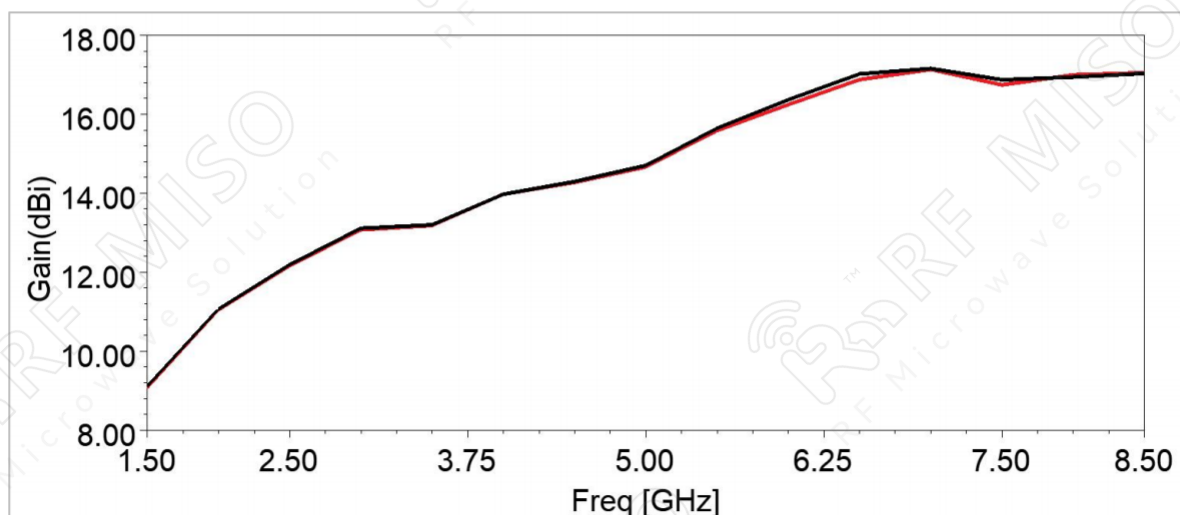
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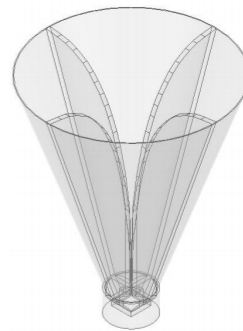
Simulated Results

VSWR



Gain



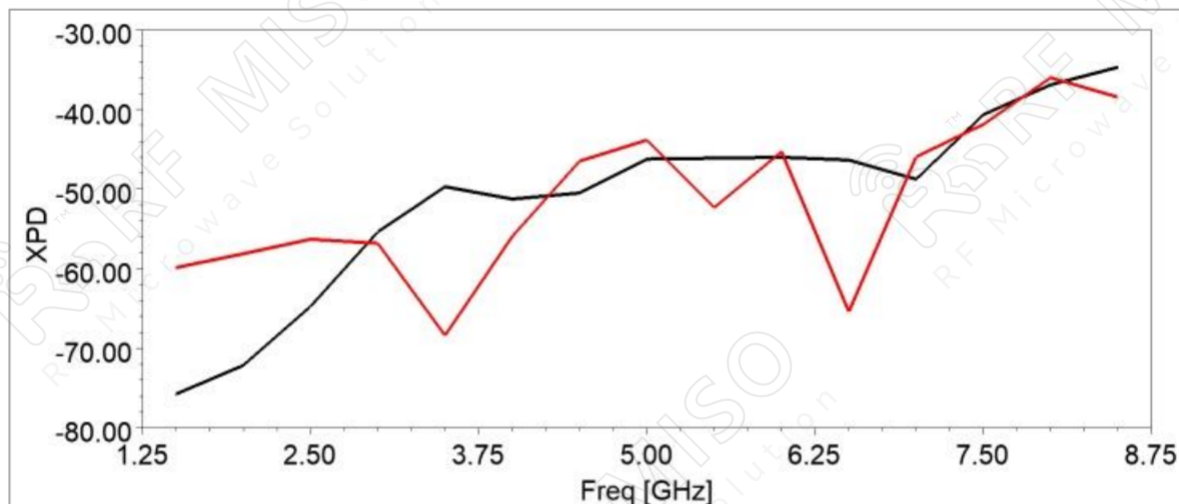


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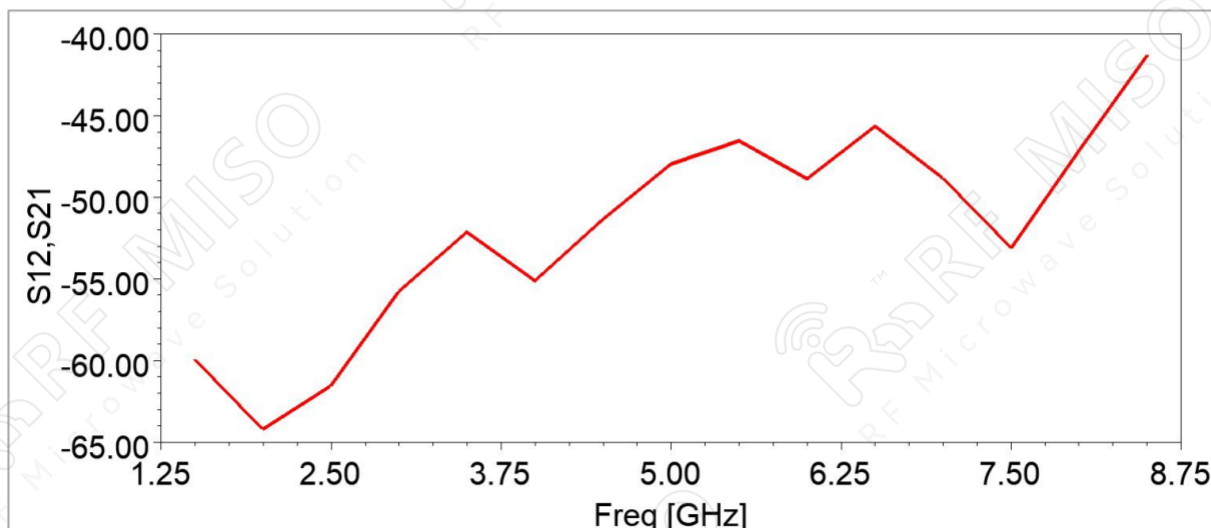
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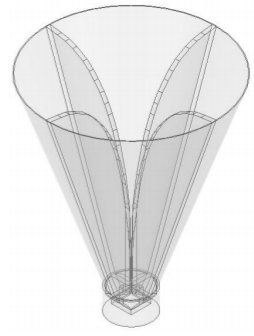
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Cross Polarization



Port Isolation



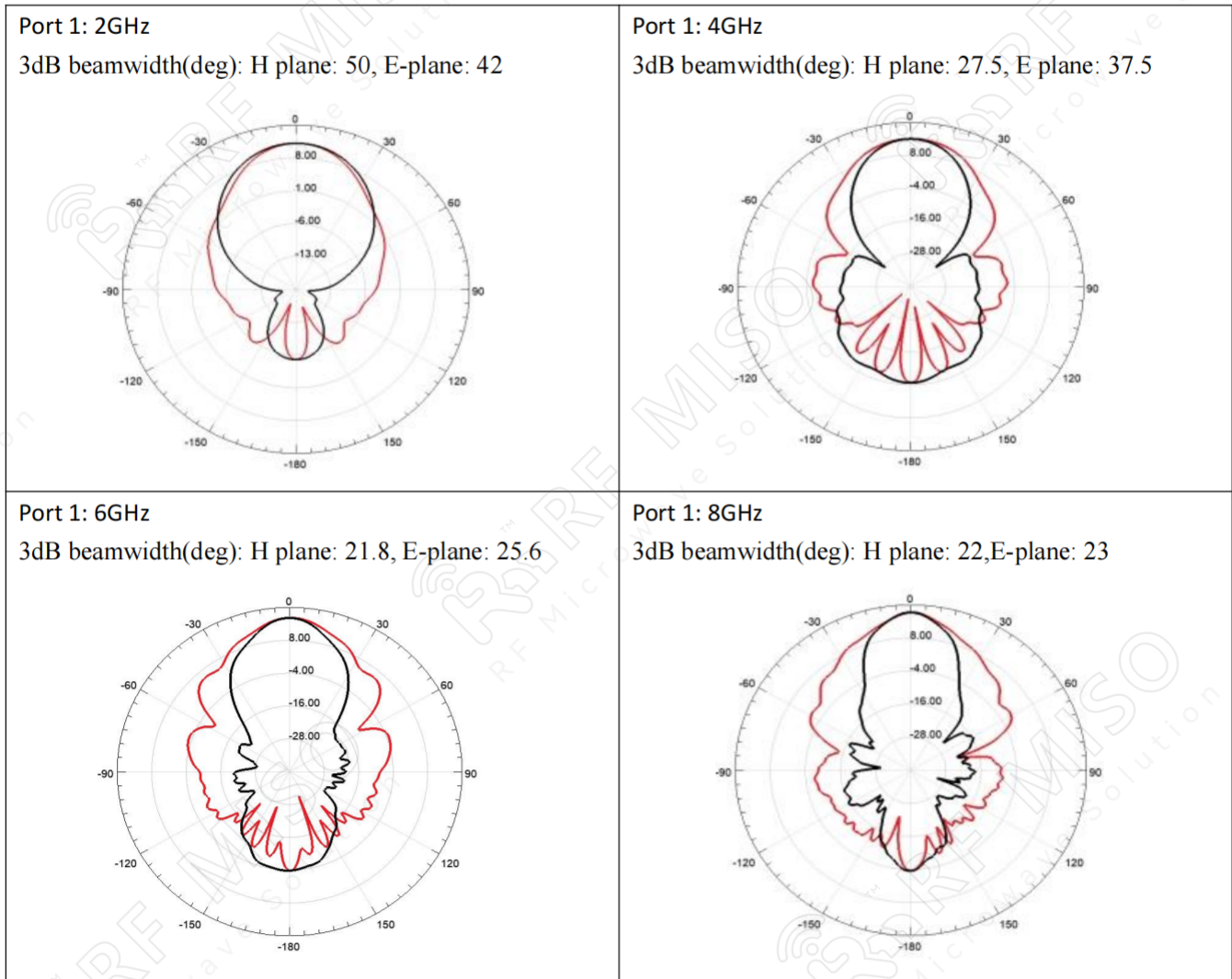


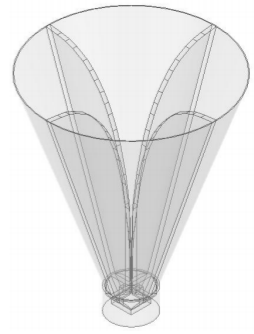
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Pattern





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