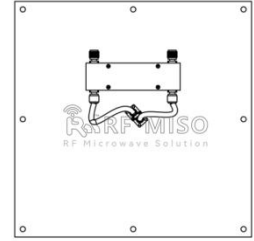


Dual Circular Polarization Horn Antenna
7 dBi Typ. Gain, 1-2 GHz Frequency Range



Dual Circular Polarized Horn Antenna Data Sheet

RM-DCPHA12-7

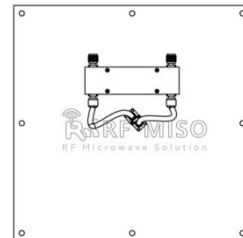
Descriptions

RF MISO's **Model RM-DCPHA12-7** is a dual circular polarized horn antenna that operates from 1 to 2 GHz, The antenna offers 7 dBi typical gain. The antenna VSWR is 1.5 typ. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specificaions

RM-DCPHA12-7		
Parameters	Typical	Units
Frequency Range	1-2	GHz
Gain	7 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	LHCP & RHCP	
Cross Polarization	34 Typ.	dB
AR	<1	dB
Coaxial Interface	SMA-Female	
Material	Al	
Finishing	Paint	
Size(L*W*H)	190.9*190.9*78.1(±5)	mm
Weight	0.2	Kg
Power Handling, CW	50	w
Power Handling, Peak	100	w

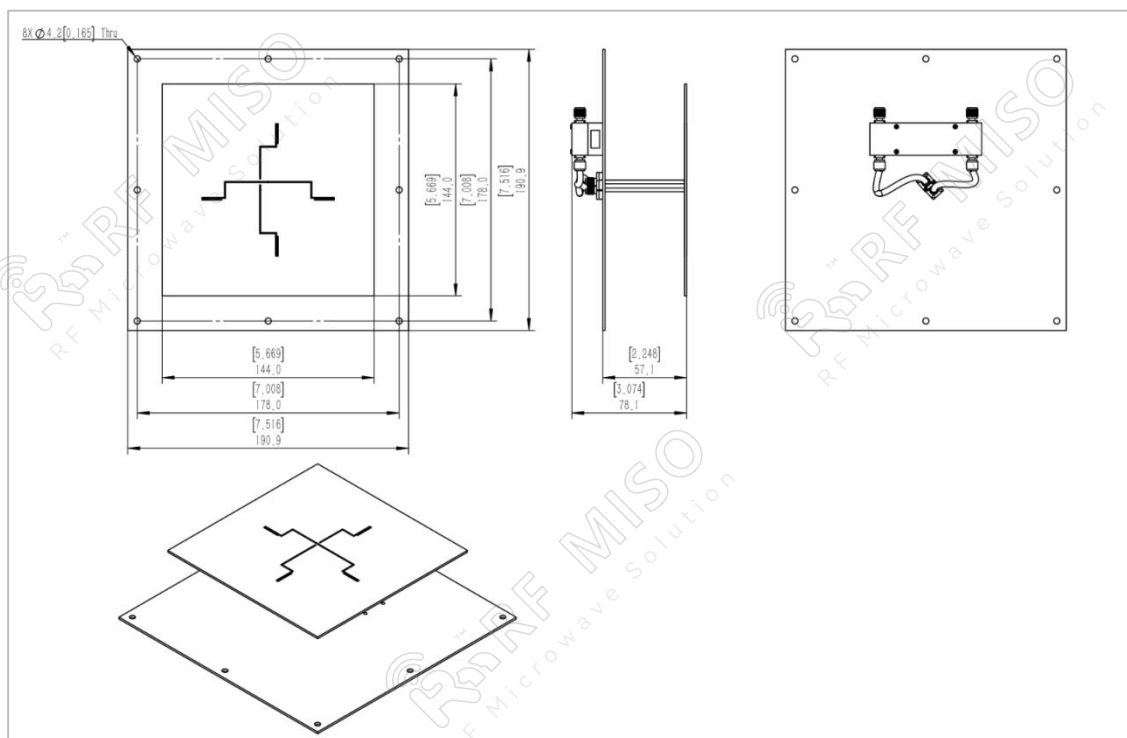
Dual Circular Polarization Horn Antenna
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RM-DCPHA12-7

Outline Drawing

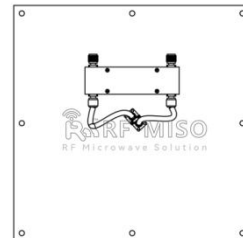


Simulation Data

Gain



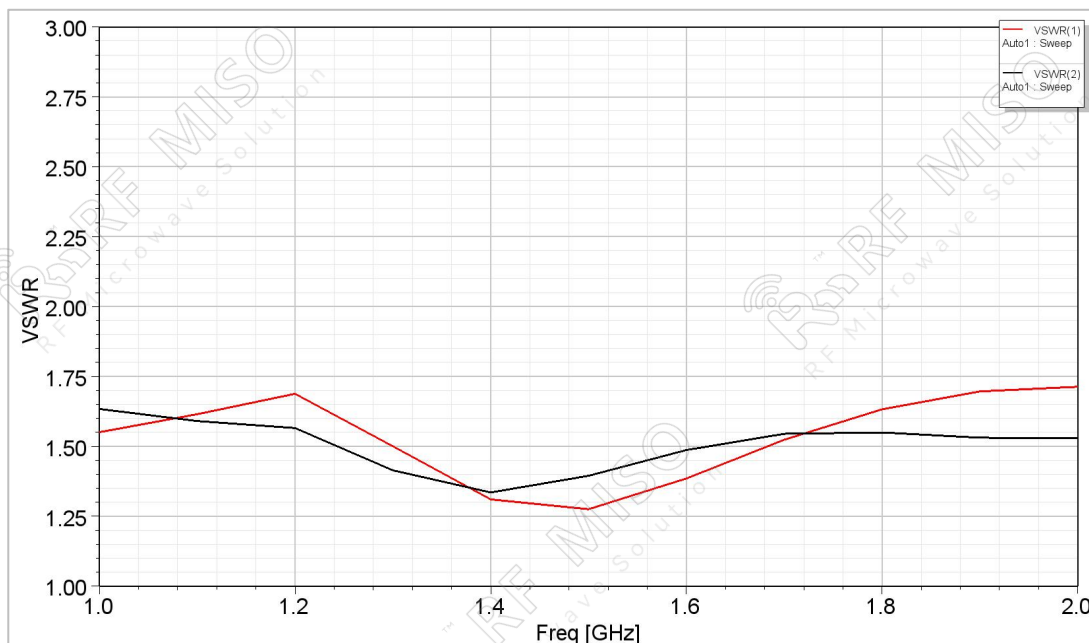
Dual Circular Polarization Horn Antenna
7 dBi Typ. Gain, 1-2 GHz Frequency Range



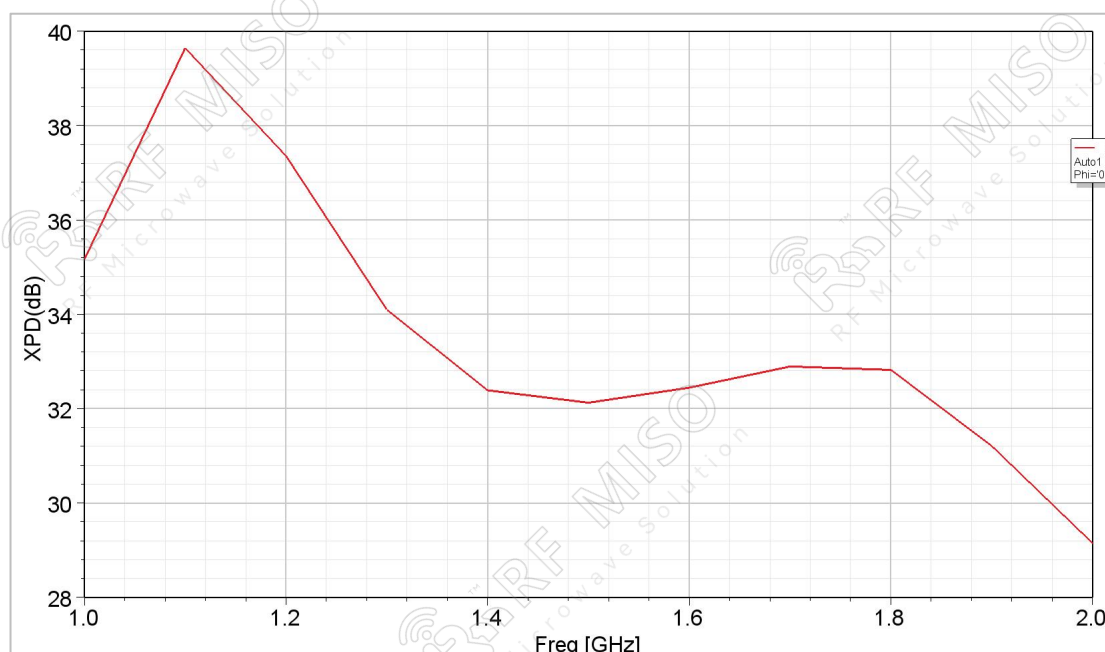
Dual Circular Polarized Horn Antenna Data Sheet

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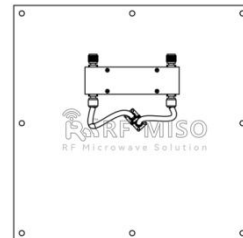
VSWR



Cross Polarization



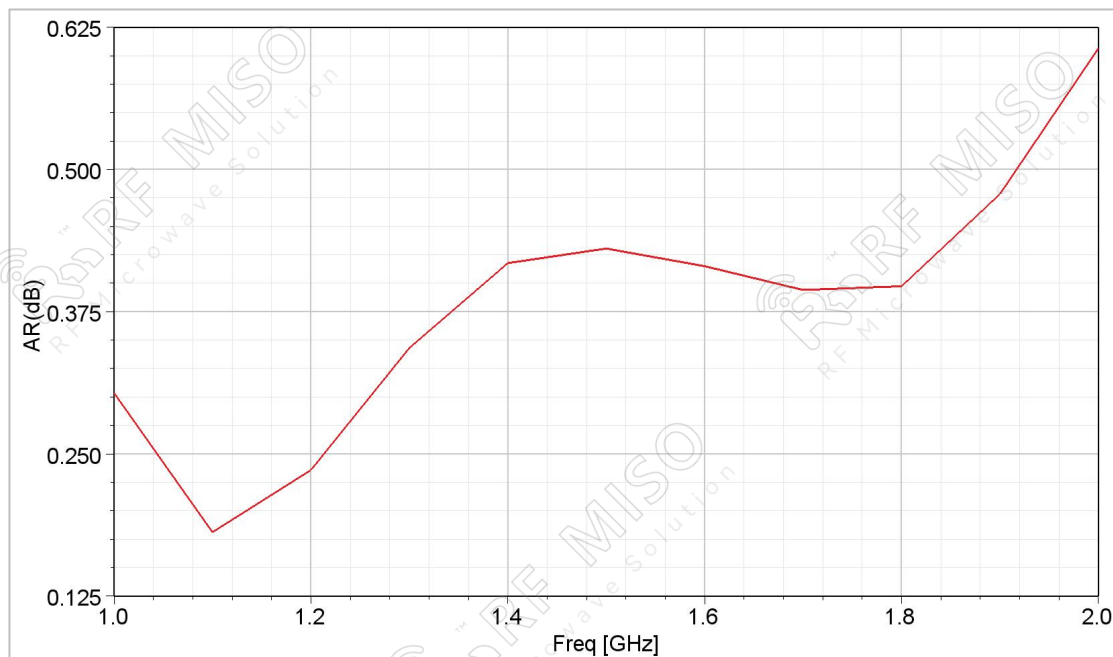
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RM-DCPHA12-7

AR



Gain Pattern

