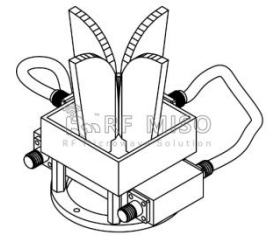


*Dual Circular Polarization Horn Antenna
10 dBi Typ. Gain, 2-18 GHz Frequency Range*



Dual Circular Polarized Horn Antenna Data Sheet

RM-DCPHA218-10

Features

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

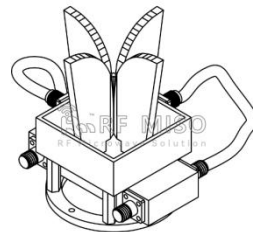
Descriptions

RF MISO's **Model RM-DCPHA218-10** is a dual circular polarized horn antenna that operates from 2 to 18 GHz. The antenna offers 10 dBi typical gain. The antenna VSWR is typical 1.6:1. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-DCPHA218-10		
Parameters	Typical	Units
Frequency Range	2-18	GHz
Gain	10 Typ.	dBi
VSWR	1.6 Typ.	
Polarization	LHCP & RHCP	
Cross polarization	35Typ.	dB
Coaxial Interface	SMA-Female	
Material	Al	
Finishing	Paint	
Size (L*W*H)	60*48*68.9(±5)	mm
Weight	0.2	Kg
Power Handling, CW	50	w
Power Handling, Peak	100	w

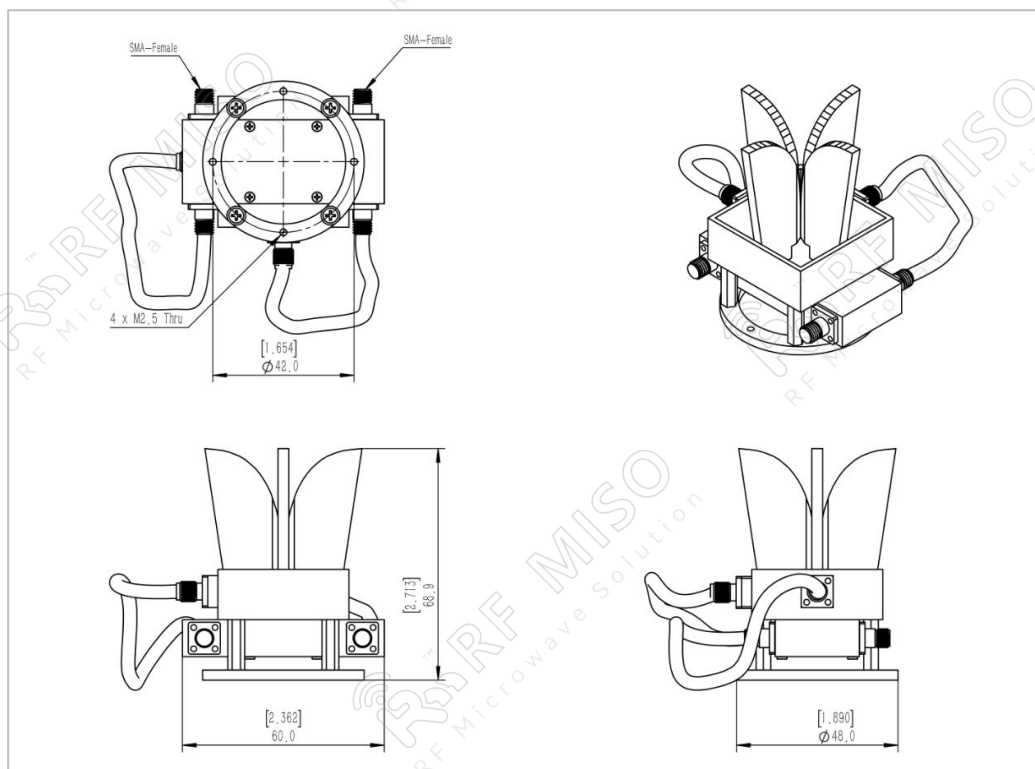
Dual Circular Polarization Horn Antenna
10 dBi Typ. Gain, 2-18 GHz Frequency Range



Dual Circular Polarized Horn Antenna Data Sheet

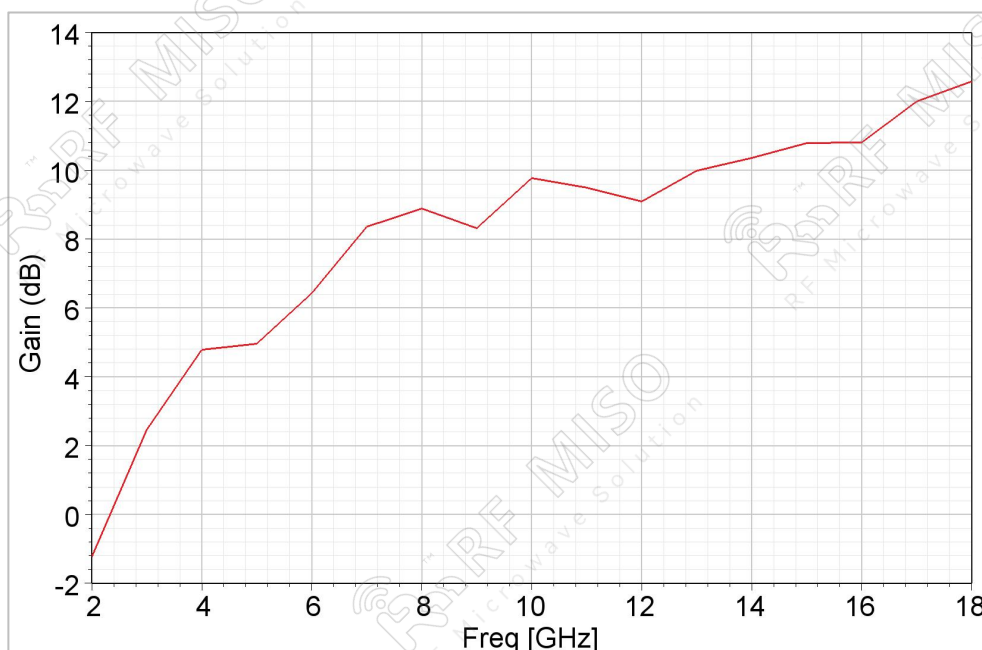
RM-DCPHA218-10

Outline Drawing

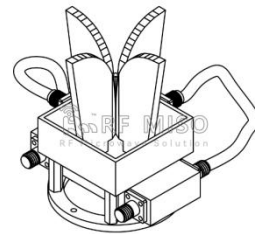


Simulation Data

Gain



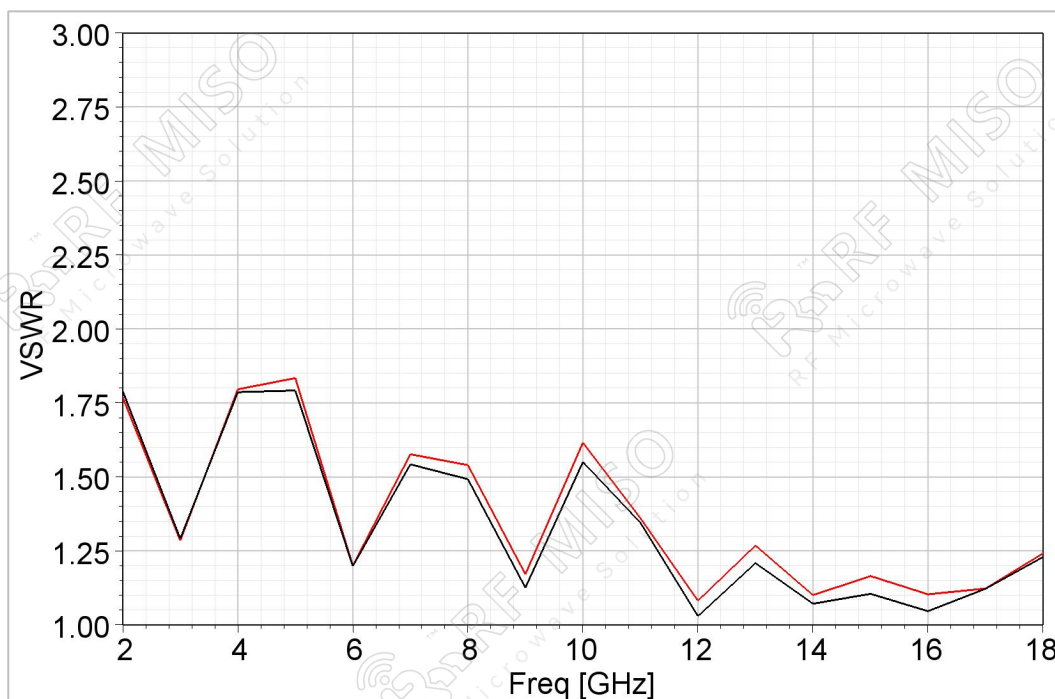
Dual Circular Polarization Horn Antenna
10 dBi Typ. Gain, 2-18 GHz Frequency Range



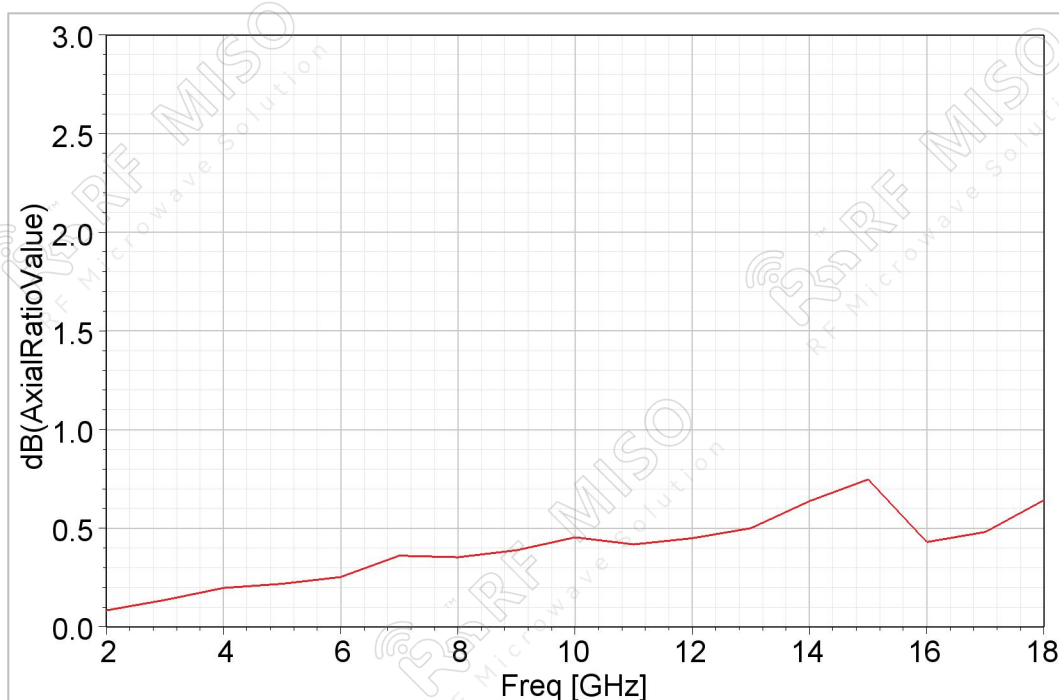
Dual Circular Polarized Horn Antenna Data Sheet

RM-DCPHA218-10

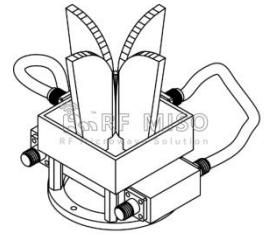
VSWR



AR



Dual Circular Polarization Horn Antenna
10 dBi Typ. Gain, 2-18 GHz Frequency Range



Dual Circular Polarized Horn Antenna Data Sheet

RM-DCPHA218-10

Cross Polarization



Gain Pattern

