

*Circular-Polarized Horn Antenna 15 dBi Typ. Gain,
8.2-12.4 GHz Frequency Range*

Circular-Polarized Horn Antenna Data Sheet

RM-CPHA82124-15

Specifications

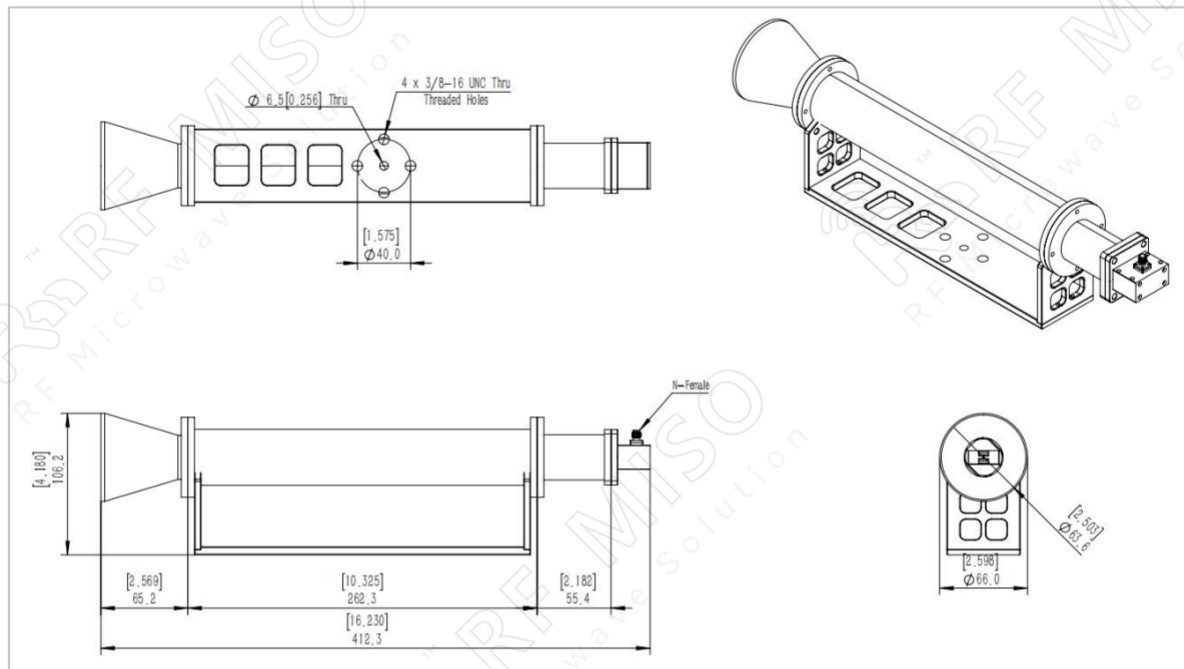
RM-CPHA82124-15		
Parameters	Specification	Unit
Frequency Range	8.2-12.4	GHz
Gain	15 Typ.	dBi
VSWR	1.5 Max	
AR	1.2 Typ	dB
Polarization	Switchable circular polarization	
Cross Polarization	30 Typ.	dB
3dB Beamwidth	30 Typ.	°
Interface	N-Female	
Material	Al	
Finishing	Paint	
Average Power	300	W
Peak Power	500	W
Size of Open Aperture	63.6	mm
Weight	1.014	kg
Size(L*W*H)	412.3*66*106.2(±5)	mm

*Circular-Polarized Horn Antenna 15 dBi Typ. Gain,
8.2-12.4 GHz Frequency Range*

Circular-Polarized Horn Antenna Data Sheet

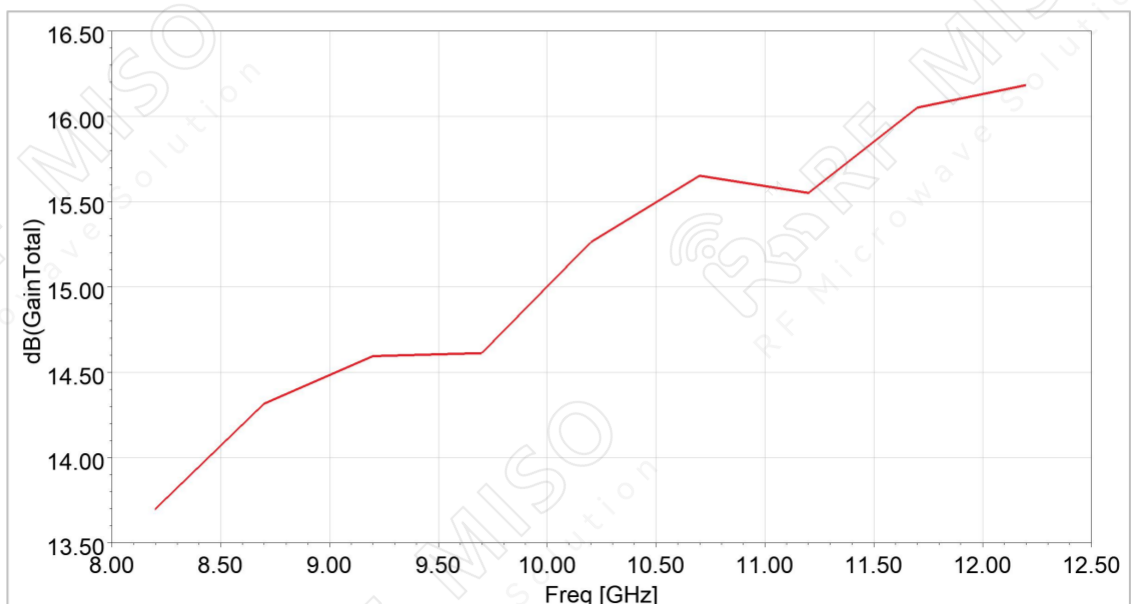
RM-CPHA82124-15

Outline Drawing



Simulation Data

Gain

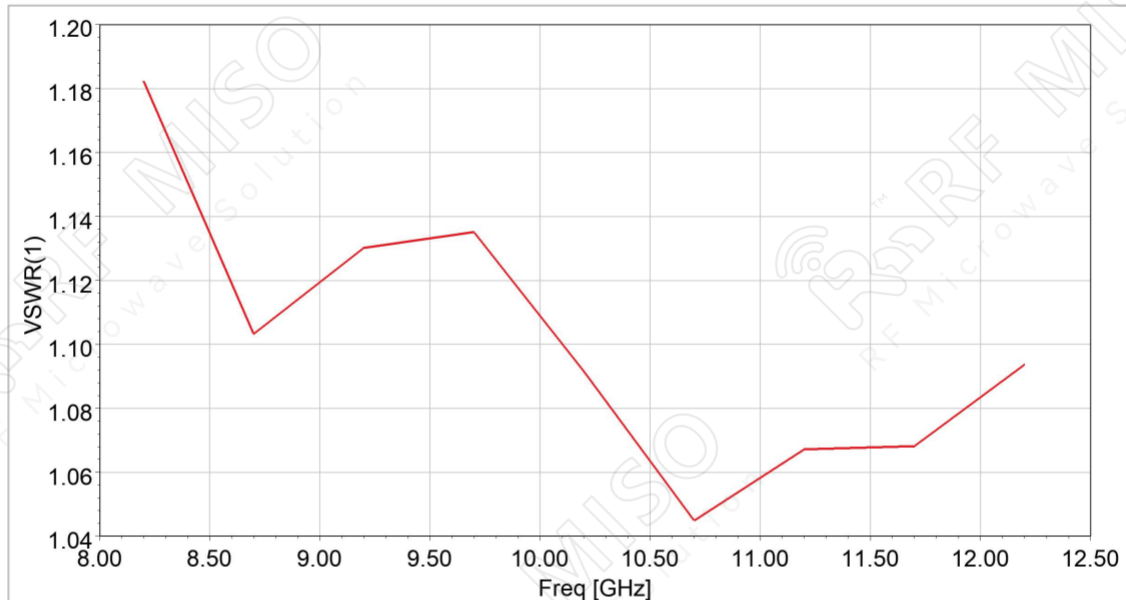


*Circular-Polarized Horn Antenna 15 dBi Typ. Gain,
8.2-12.4 GHz Frequency Range*

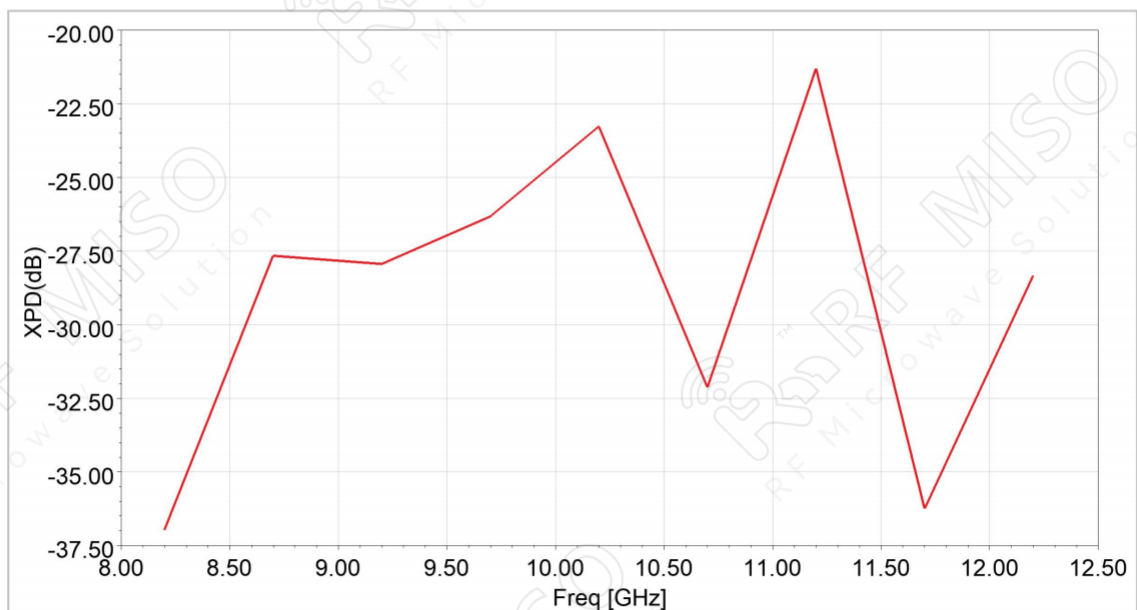
Circular-Polarized Horn Antenna Data Sheet

RM-CPHA82124-15

VSWR



Cross Polarization

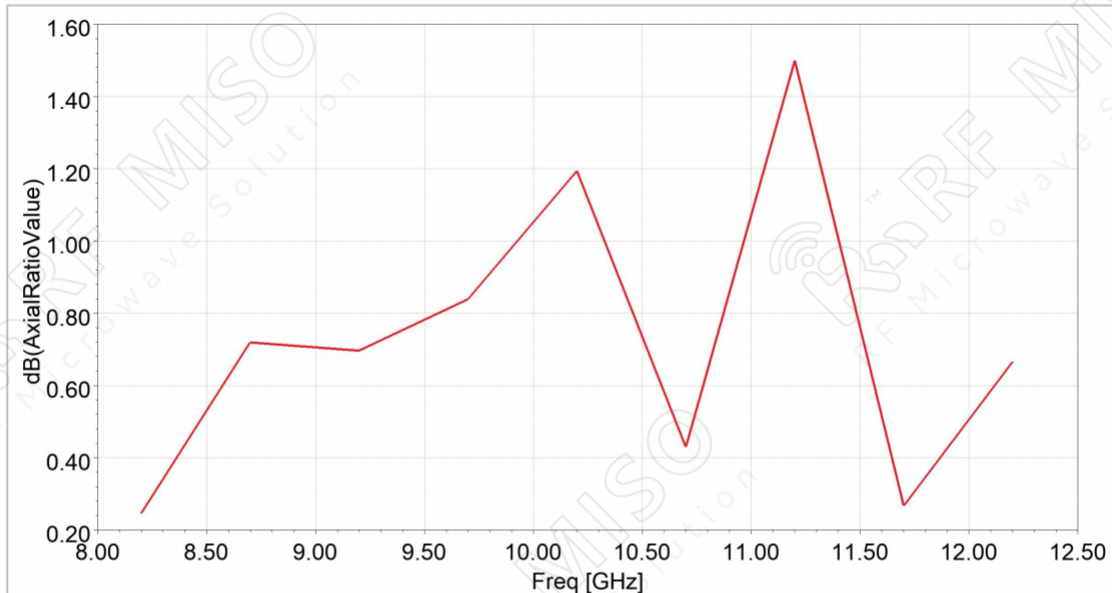


*Circular-Polarized Horn Antenna 15 dBi Typ. Gain,
8.2-12.4 GHz Frequency Range*

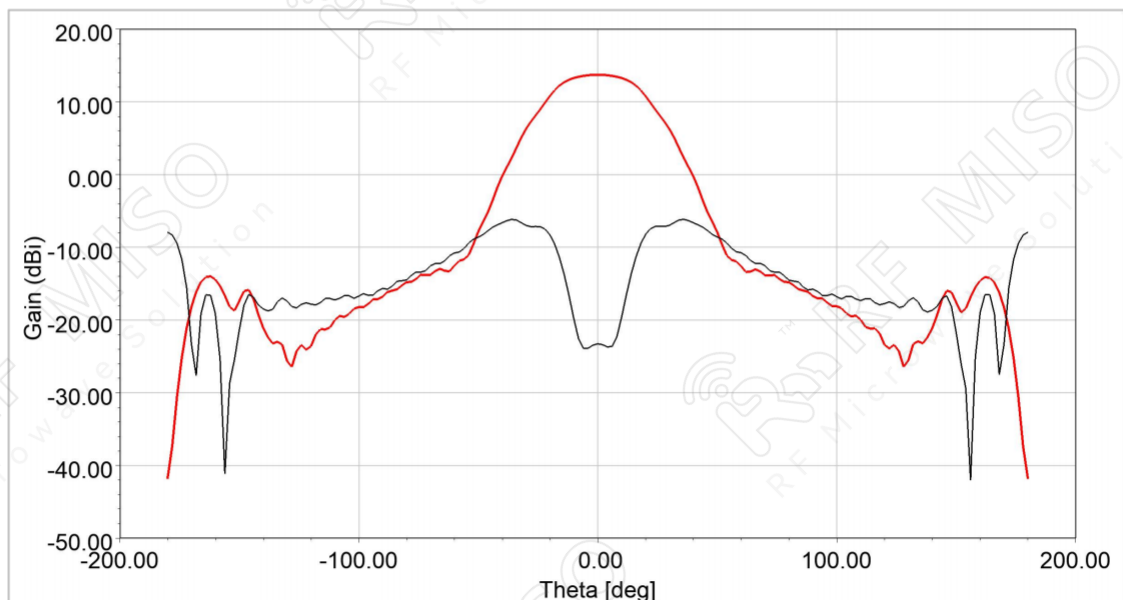
Circular-Polarized Horn Antenna Data Sheet

RM-CPHA82124-15

AR



Gain Pattern

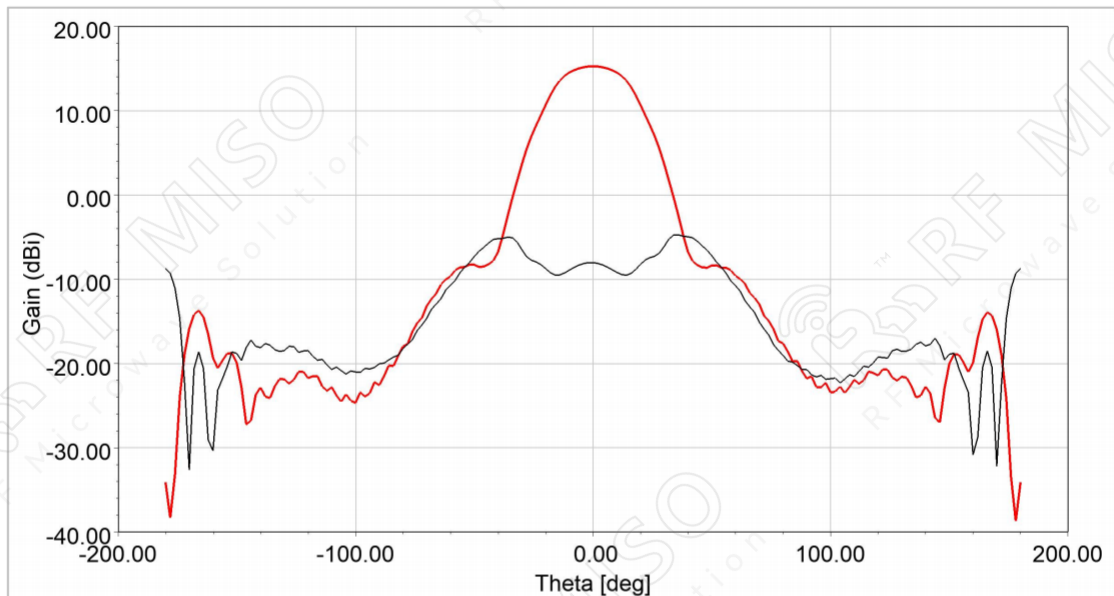


8.2 GHz

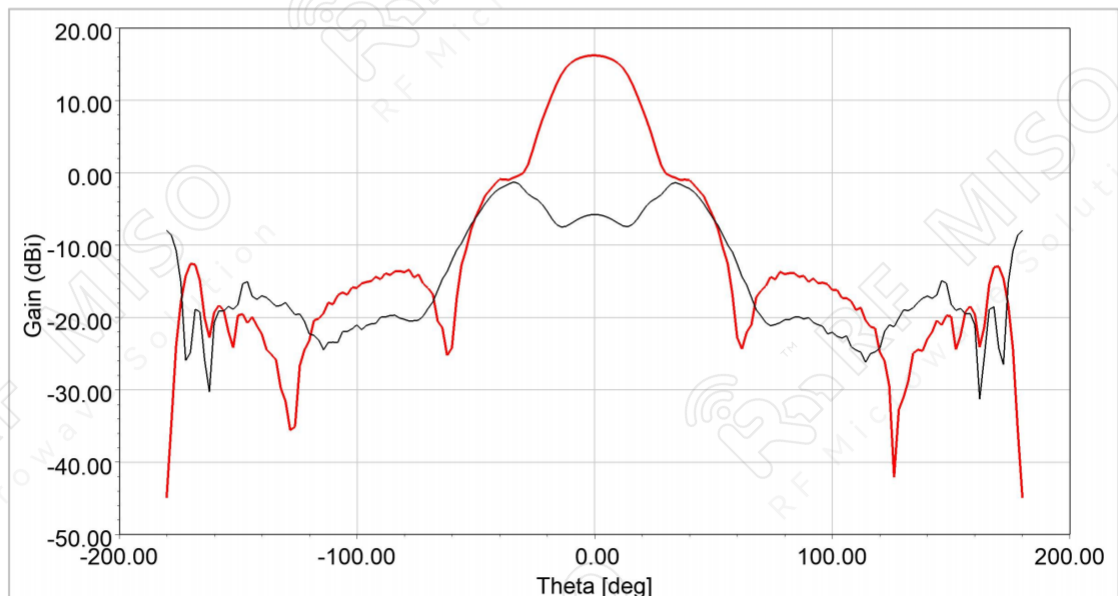
*Circular-Polarized Horn Antenna 15 dBi Typ. Gain,
8.2-12.4 GHz Frequency Range*

Circular-Polarized Horn Antenna Data Sheet

RM-CPHA82124-15



10.2 GHz



12.2 GHz

*Circular-Polarized Horn Antenna 15 dBi Typ. Gain,
8.2-12.4 GHz Frequency Range*

Circular-Polarized Horn Antenna Data Sheet

RM-CPHA82124-15

3dB Beamwidth

