



Conical Dual Polarized Horn Antenna
20 dBi Typ. Gain, 23-43 GHz Frequency Range

Conical Dual Polarized Horn Antenna Data Sheet

RM-CDPHA2343-20

Features

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

Descriptions

RF MISO's **Model RM-CDPHA2343-20** is a dual polarized horn antenna that operates from 23 to 43 GHz, The antenna offers 20dBi typical gain. The antenna VSWR is typical 1.3:1. The antenna RF ports are 2.92mm-F connector. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-CDPHA2343-20		
Parameters	Typical	Units
Frequency Range	23-43	GHz
Gain	20 Typ.	dBi
VSWR	1.3 Typ.	
Polarization	Dual Linear	
Cross Pol. Isolation	40 Typ.	dB
Port Isolation	35 Typ.	dB
Connector	2.92mm-F	
Material	Al	
Finishing	Paint	
Size	169.3*61.7*61.7(L*W*H)	mm
Weight	0.061	kg

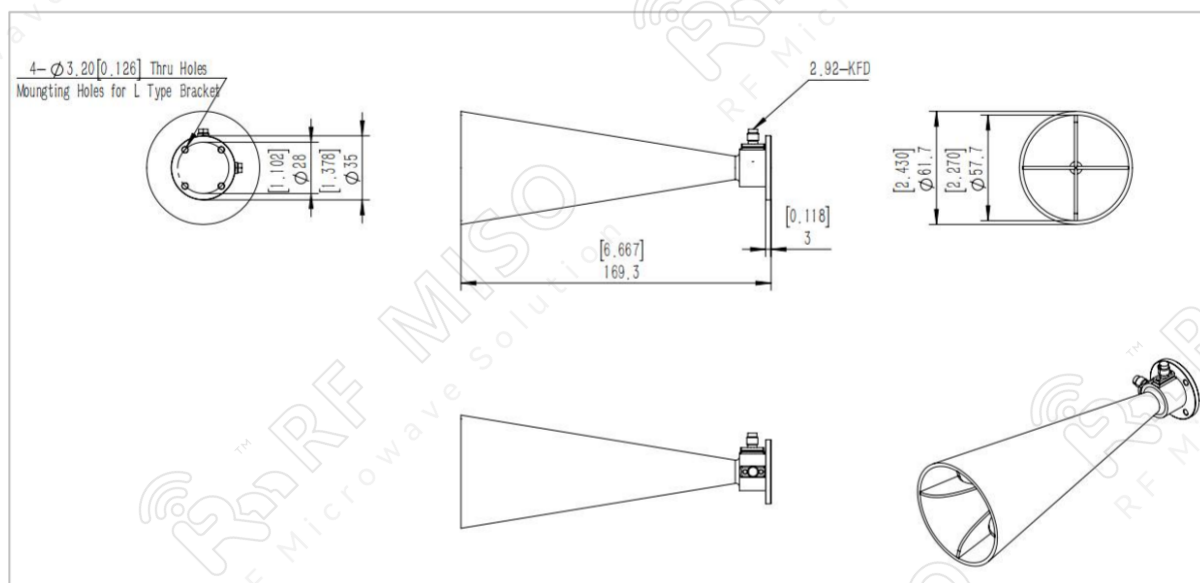
Conical Dual Polarized Horn Antenna
20 dBi Typ. Gain, 23-43 GHz Frequency Range



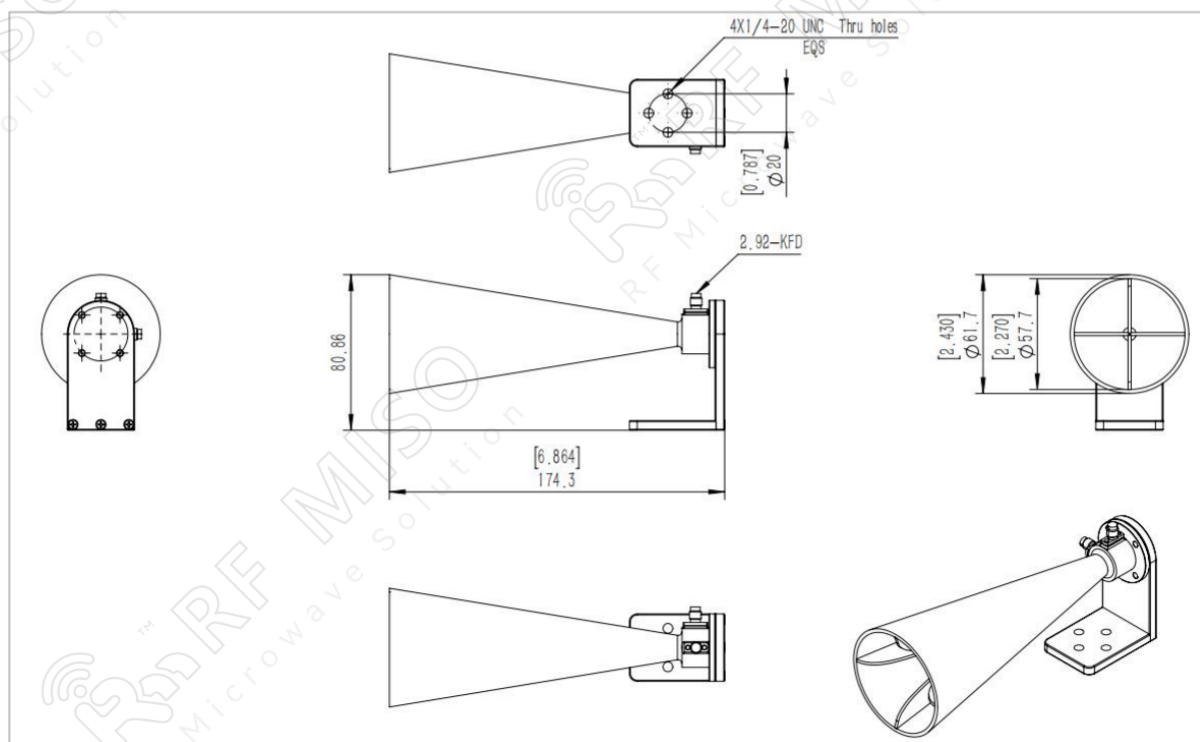
Conical Dual Polarized Horn Antenna Data Sheet

RM-CDPHA2343-20

Outline Drawing



Outline Drawing with Mounting Bracket



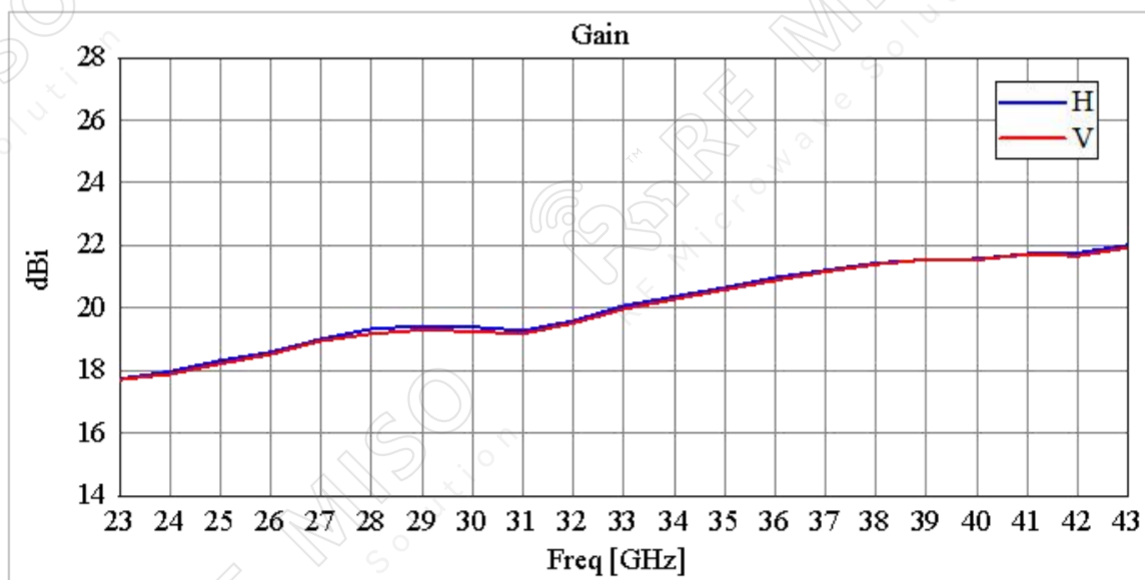
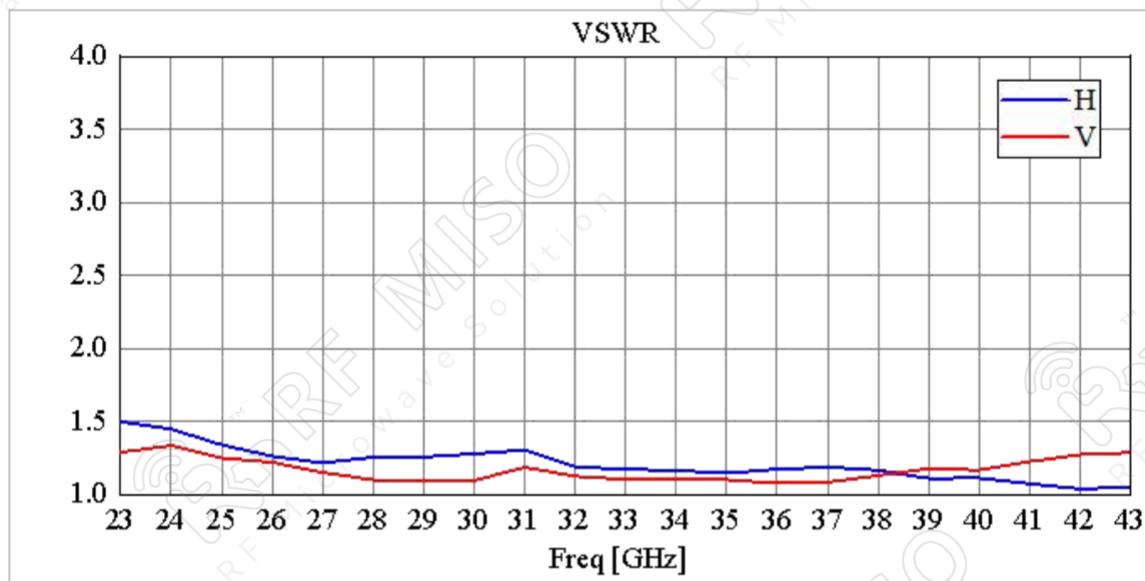
Conical Dual Polarized Horn Antenna
20 dBi Typ. Gain, 23-43 GHz Frequency Range



Conical Dual Polarized Horn Antenna Data Sheet

RM-CDPHA2343-20

Testing Data

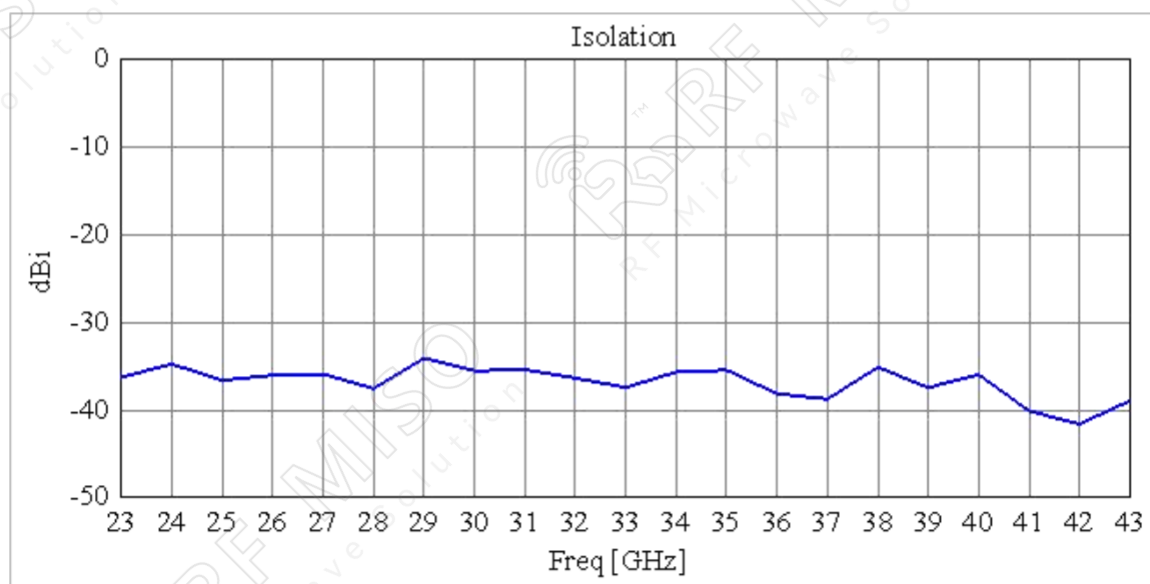
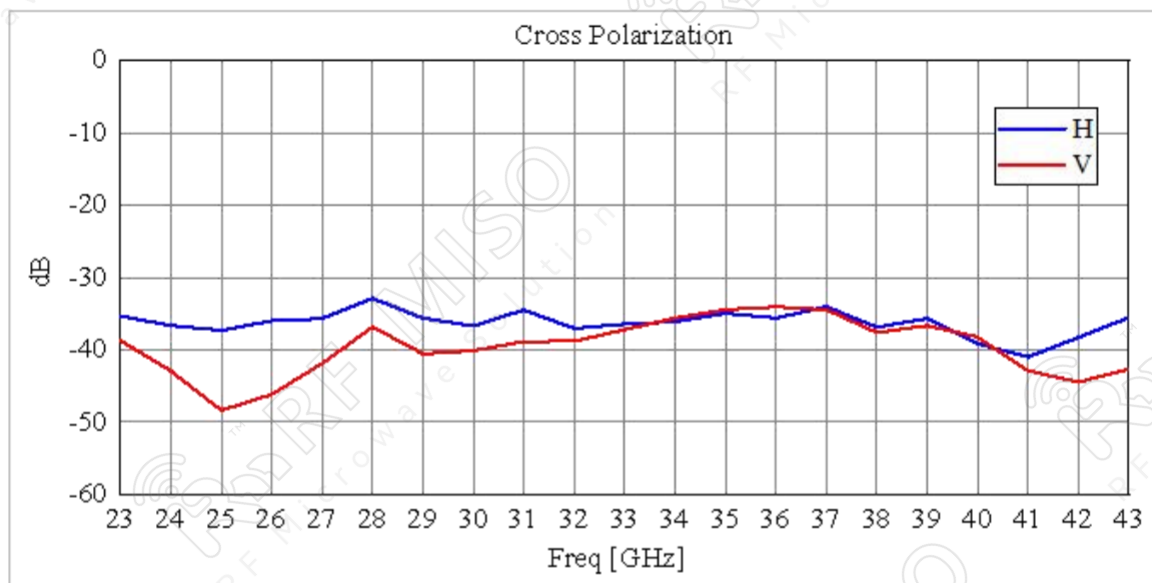


Conical Dual Polarized Horn Antenna
20 dBi Typ. Gain, 23-43 GHz Frequency Range



Conical Dual Polarized Horn Antenna Data Sheet

RM-CDPHA2343-20



Conical Dual Polarized Horn Antenna
20 dBi Typ. Gain, 23-43 GHz Frequency Range



Conical Dual Polarized Horn Antenna Data Sheet

RM-CDPHA2343-20

Gain Patterns

