

Linear Polarized Vivaldi Antenna
6 dBi Typ. Gain, 0.2-1.2 GHz Frequency Range



Linear Polarized Vivaldi Antenna Data Sheet

RM-VA0212-6

Description

RF MISO's **Model RM-VA0212-6** is a linear polarized vivaldi antenna that operates from 0.2 to 1.2 GHz, The antenna offers 6 dBi typical gain. The antenna VSWR is typical 2:1. The interface is N-Female. The antenna is suitable for radar, satellite communications, electronic warfare and high-end wireless testing.

Specifications

RM-VA0212-6		
Item	Specification	Units
Frequency Range	0.2-1.2	GHz
Gain	6 Typ.	dBi
VSWR	2 Typ.	
Corss Polarization	60 Typ.	dB
Polarization	Linear Polarized	
Connector	N-Female	
3dB Beamwidth	E-plane:43.5-101.5 H-plane:75.6-161.7	°
Material	Al	
Size(L*W*H)	427.3*47.3*424.6(±5)	mm
Weight	5.2	kg
Power Handling, Peak	300	w
Power Handling, CW	100	w

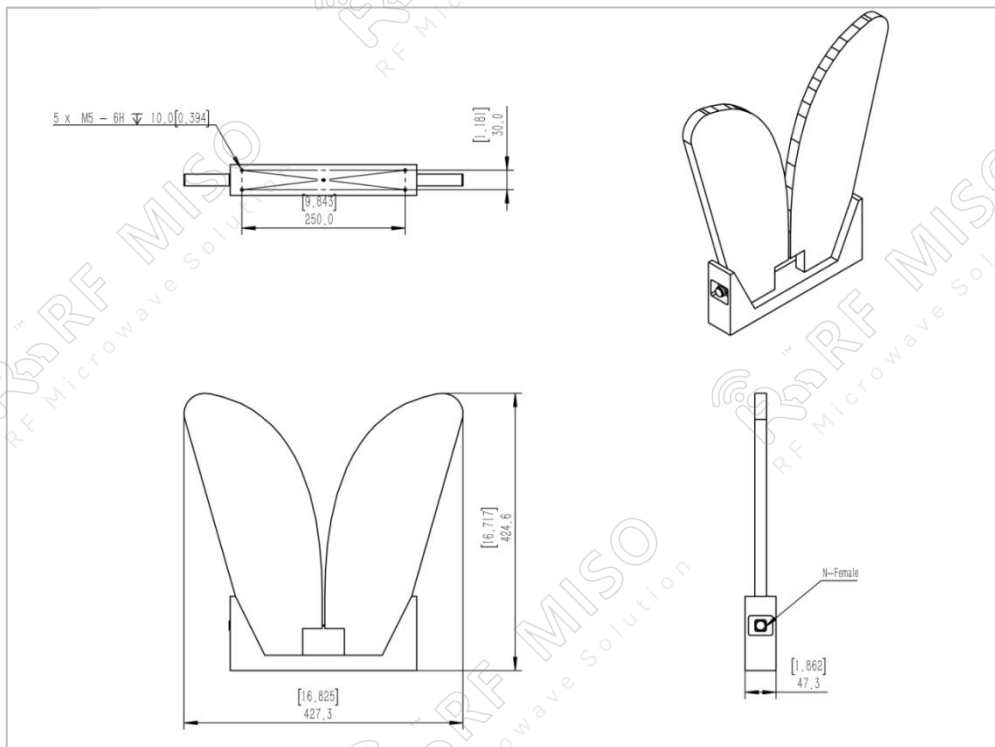
Linear Polarized Vivaldi Antenna
6 dBi Typ. Gain, 0.2-1.2 GHz Frequency Range



Linear Polarized Vivaldi Antenna Data Sheet

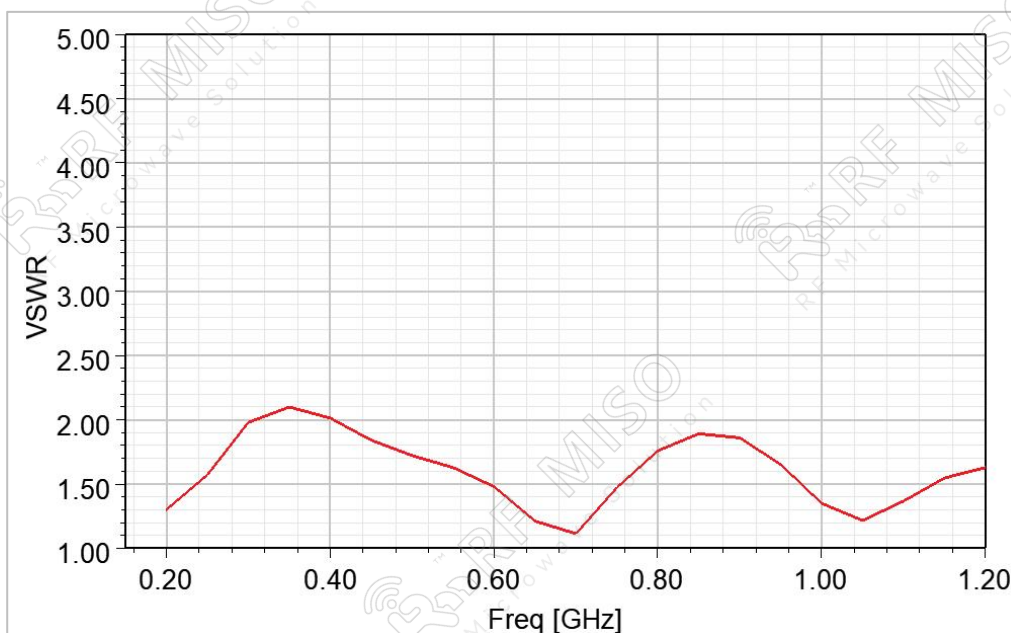
RM-VA0212-6

Outline Drawing



Simulation Data

VSWR



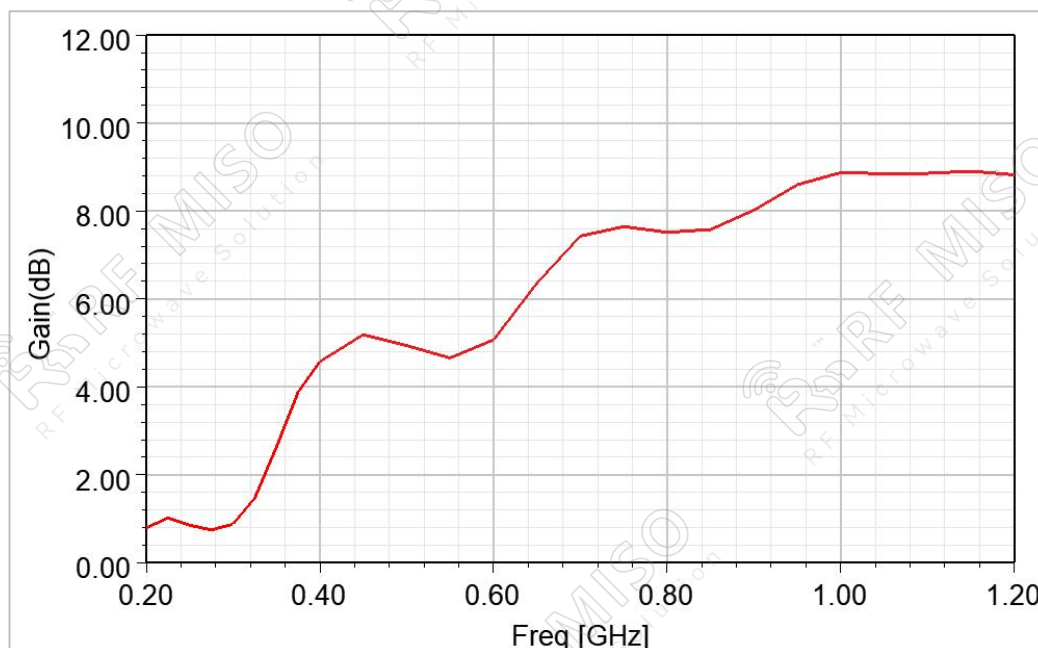
Linear Polarized Vivaldi Antenna
6 dBi Typ. Gain, 0.2-1.2 GHz Frequency Range



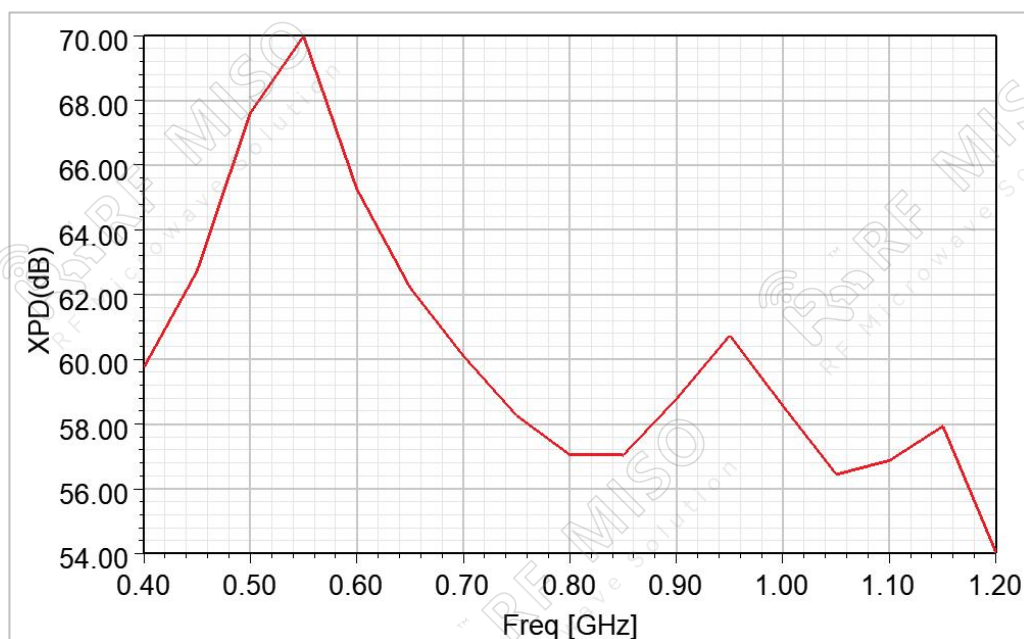
Linear Polarized Vivaldi Antenna Data Sheet

RM-VA0212-6

Gain



Cross polarization



Linear Polarized Vivaldi Antenna
6 dBi Typ. Gain, 0.2-1.2 GHz Frequency Range

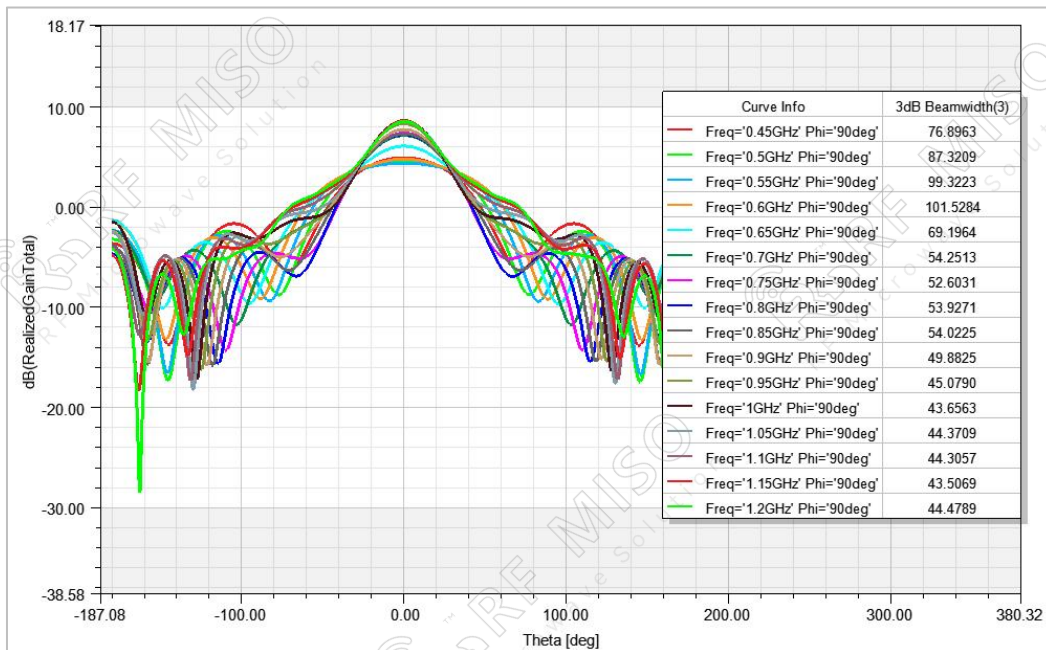
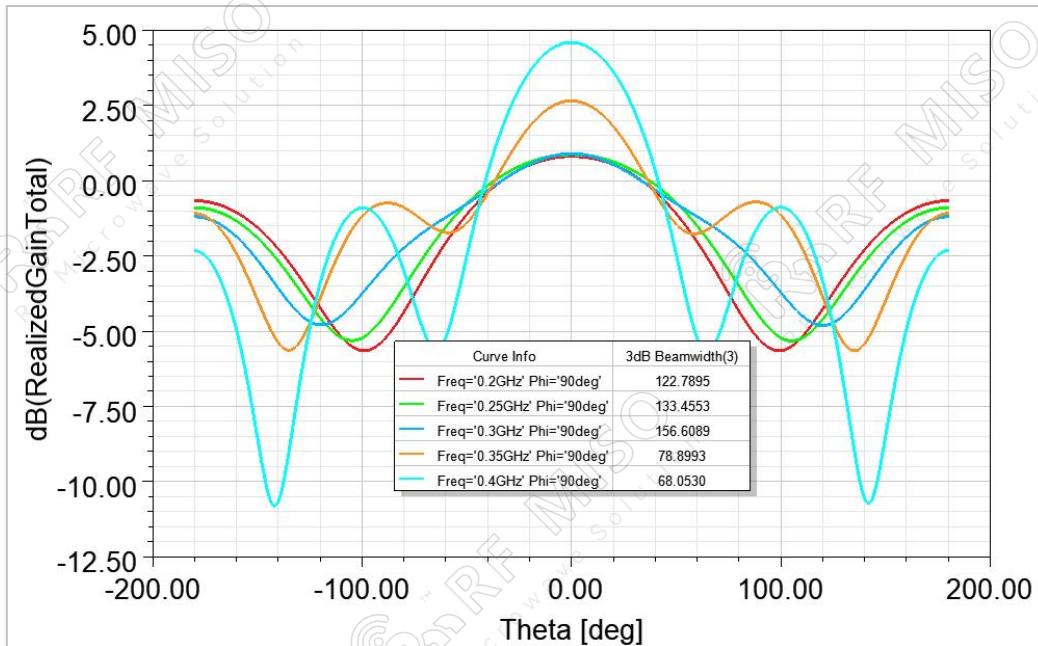


Linear Polarized Vivaldi Antenna Data Sheet

RM-VA0212-6

Pattern

E-plane:



Linear Polarized Vivaldi Antenna
6 dBi Typ. Gain, 0.2-1.2 GHz Frequency Range



Linear Polarized Vivaldi Antenna Data Sheet

RM-VA0212-6

H-plane:

