

Waveguide Probe Antenna
7 dBi Typ. Gain, 12.4-18GHz Frequency Range

Waveguide Probe Antenna Data Sheet

RM-WPA62-7

Features

- WR-62 Rectangular Waveguide Interface
- Linear Polarization
- High Return Loss
- Precisely Machined

Description

The **RM-WPA62-7** is a probe antenna that operates from 12.4GHz to 18GHz. The antenna offers 7 dBi typical gain. The antenna supports linear polarized wave-forms. The input of this antenna is a WR-62 waveguide with a FBP140 flange.

Specifications

RM-WPA62-7			
Item	Specification		Units
Frequency Range	12.4-18		GHz
Gain	7 Typ.		dBi
VSWR	≤2		
Polarization	Linear		
Cross-polarization Isolation	40 Typ.		dB
Waveguide Size	WR-62		
Interface	FBP140(F Type)	SMA-F(C Type)	
C Type, Size(L*W*H)	150.8*60*60(±5)		mm
Weight	0.03(F Type)	0.071(C Type)	kg
Body Material	Al		
Surface Treatment	Paint		
C Type Power Handling, CW	50		W
C Type Power Handling, Peak	3000		W

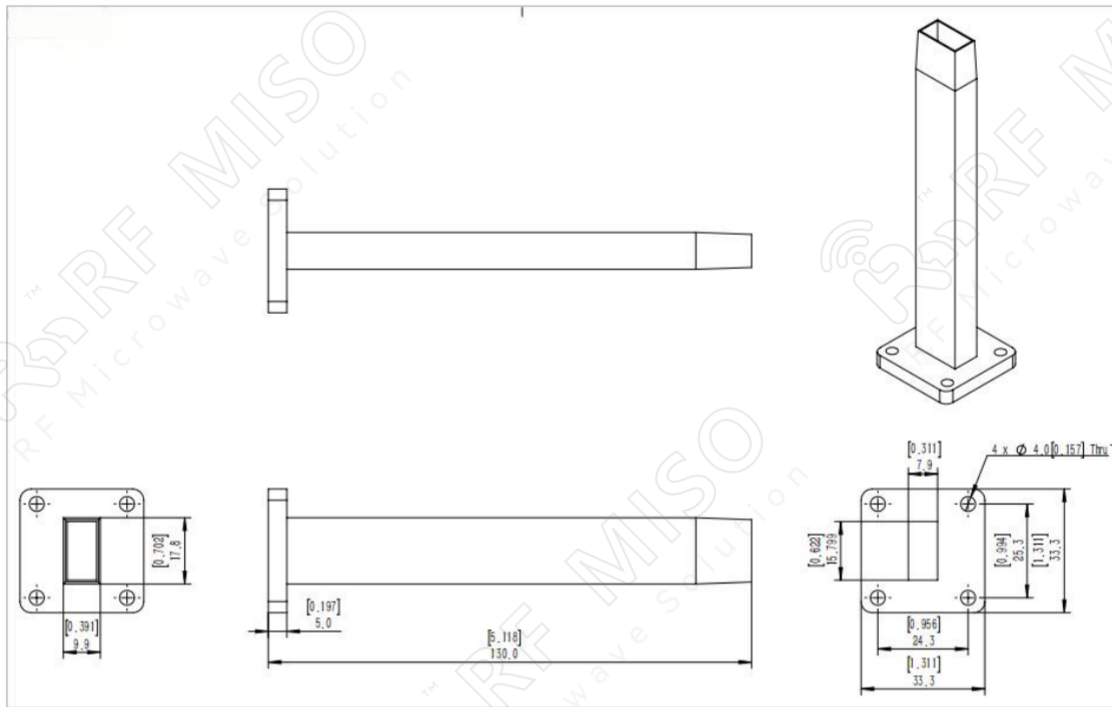
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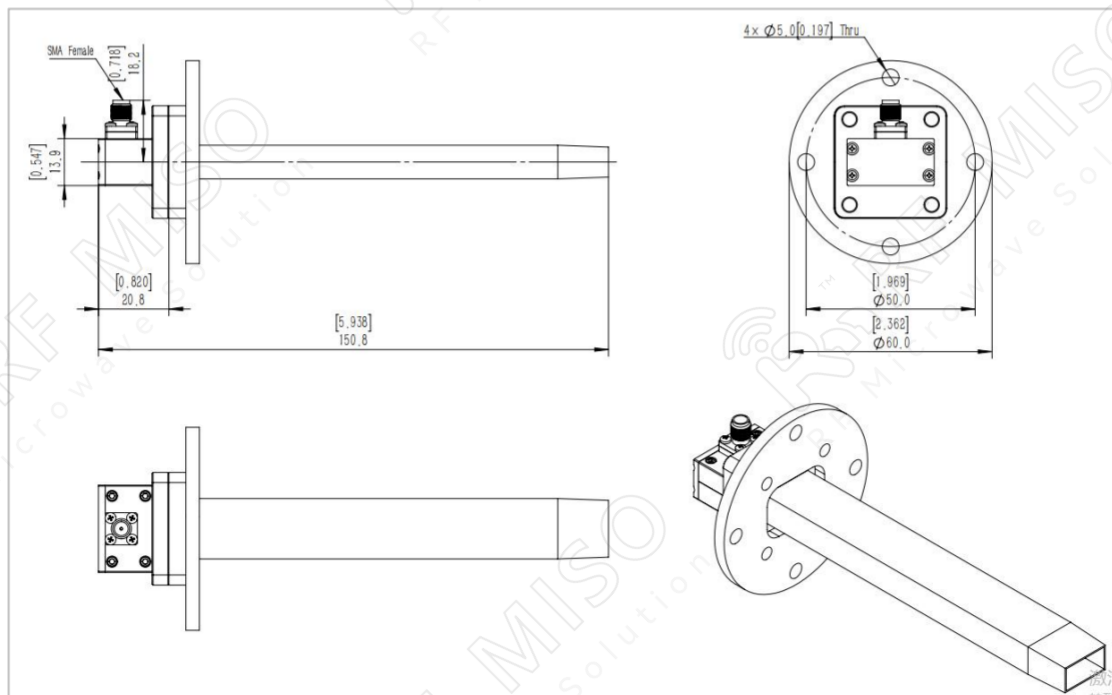
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F-Type Mechanical Drawing (P/N: RM-WPA62-7F)



C-Type Mechanical Drawing (P/N: RM-WPA62-7C)





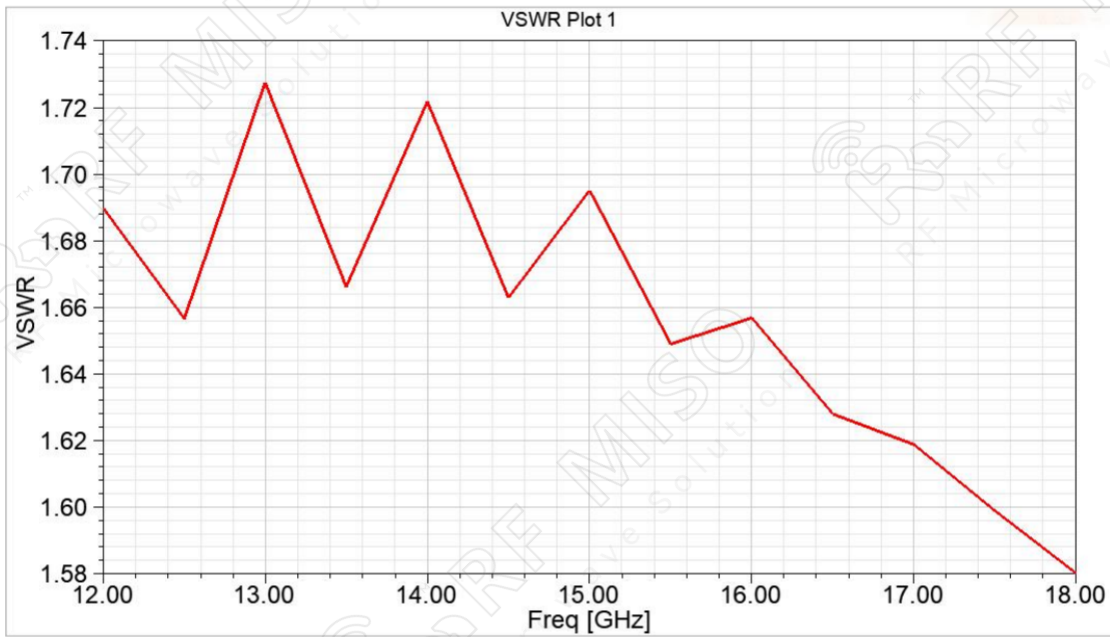
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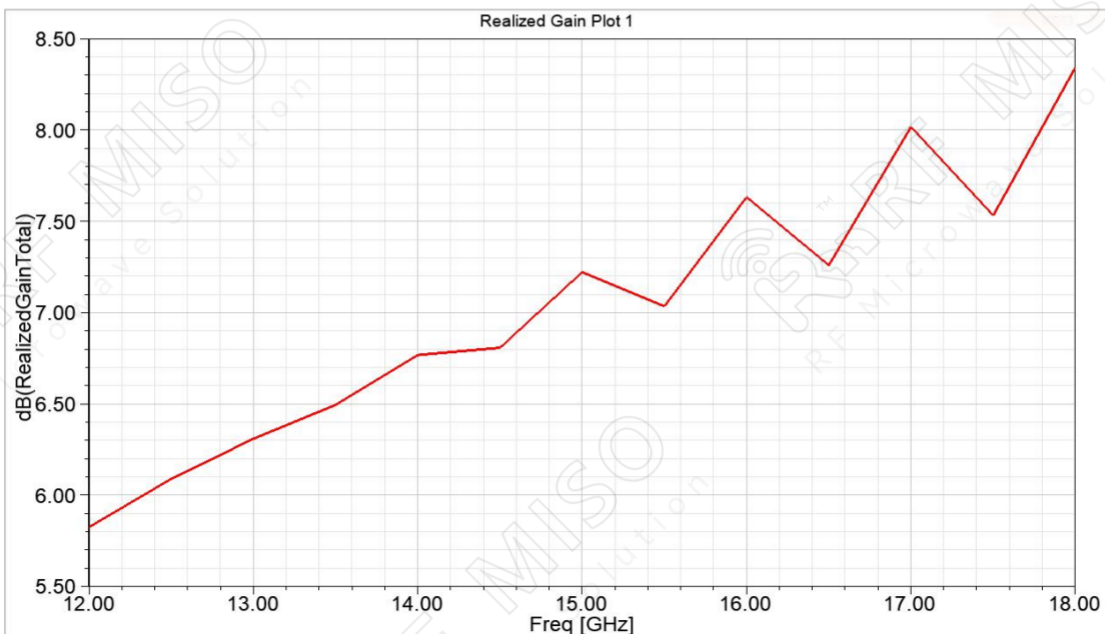
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Simulated Data

VSWR



Gain





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Polarization

