泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Dual Polarized Antenna

2.92mm/22-33GHz/10dBi Min, Gain

Model:TL-34DPHA10K

TL-34DPHA10K is a dual polarized antenna that operates from 22 to 33GHz, The antenna offers 10dBi minimum gain. The antenna VSWR is 1.7:1 typical. The antenna cross polarization isolation is typical 30 dB. The antenna RF port configuration offers coax adapter structure with 2.92mm female. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Features:

- Operating Frequency 22 to 33GHz
- Gain: 10dBi Min
- Dual Linear Polarization

Applications:

- Radar Systems
- Communication Systems

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	22		33	GHz
Gain		10		dBi
Polarization mode		Dual Linear		
Input VSWR			1.7	:1
Port to Port Isolation		30		dB

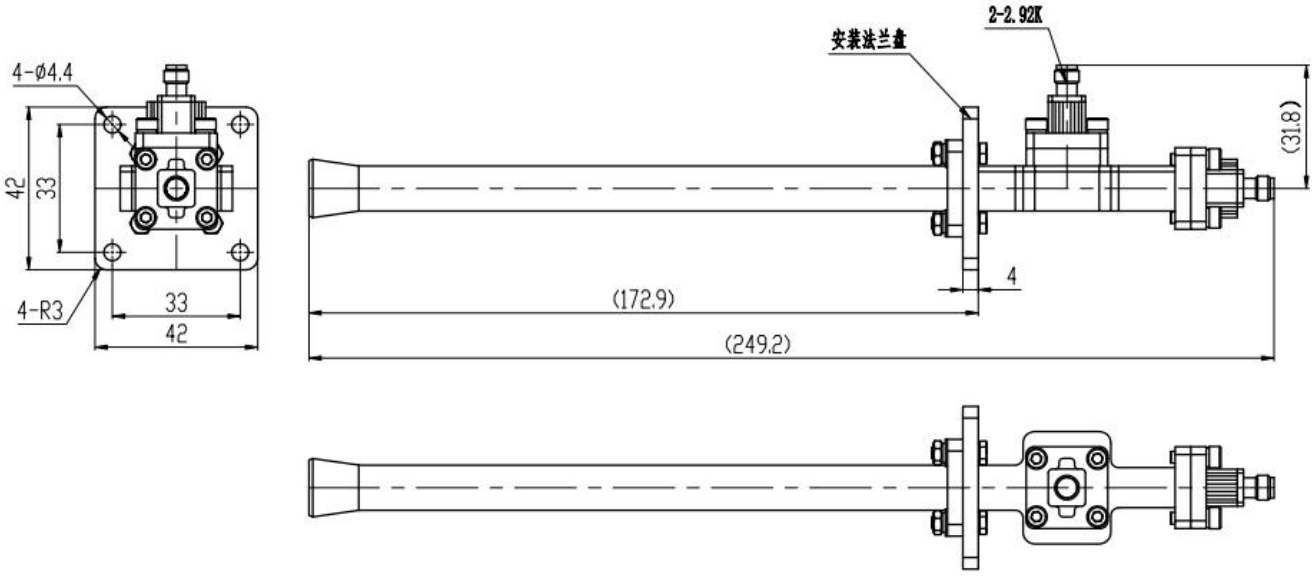
Physical Characteristics:

Description	Parameter	Units
Material	Aluminum/Copper	
Finish	Electrical conductivity oxide/Gold plated	
RF Connector	2.92mm Female	
Length	249.2	mm

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Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TL-34DPHA10K	Dual Polarized Antenna, 22-33GHz,Gain: 10dBi Min,2.92mm Female	Rev.1.0