

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

电气特性 Electrical Characteristics:

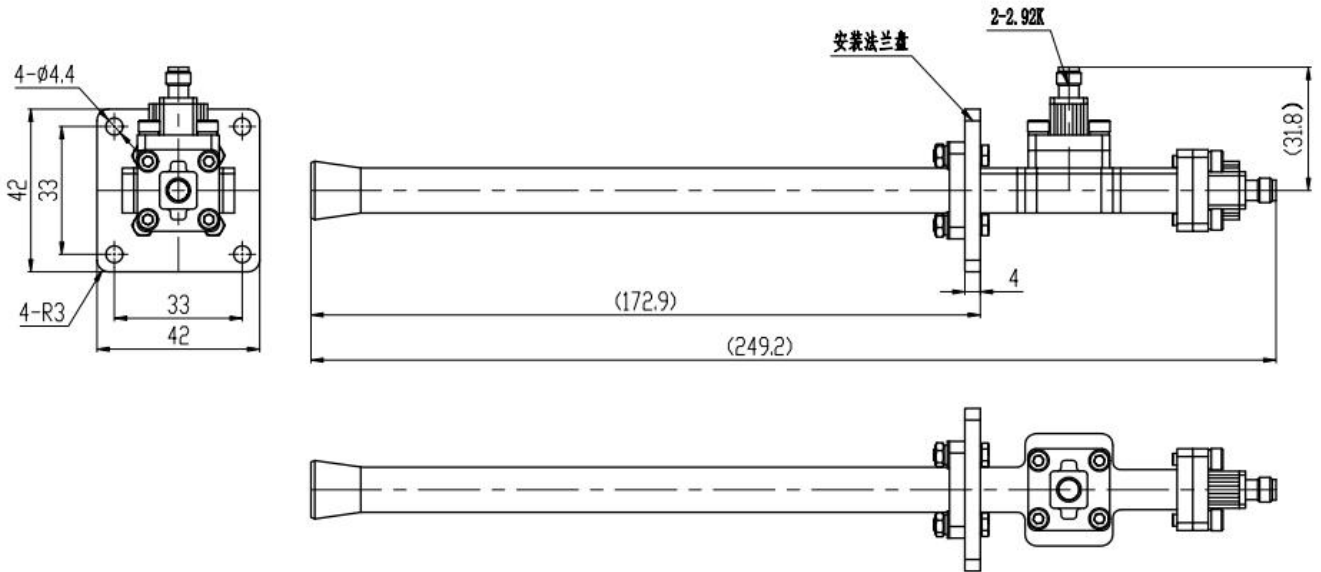
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	22		33	GHz
增益 Gain		10		dBi
极化方式 Polarization mode	Dual Linear			
驻波 Input VSWR			1.7	:1
隔离 Port to Port Isolation		30		dB

机械特性 Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
材质 Material	Aluminum/Copper	
表面处理 Finish	Electrical conductivity oxide/Gold plated	
RF接口 RF Connector	2.92mm Female	
长度 Length	249.2	mm

外形图 Outline Drawing:

Unit:mm



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

订货信息 Ordering Information:

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