

Dual Polarized Horn Antenna

2-SMA Female/2-18GHz/10dBi Typ, Gain

Model:TL-20180DPHA10S

TL-20180DPHA10S is a dual polarized horn antenna that operates from 2 to 18GHz, The antenna offers 10dBi typical gain. The antenna VSWR is 2.5:1 maximum. The antenna RF ports is SMA female. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Features:

- Operating Frequency 2 to 18GHz
- Gain: 10dBi Typ
- Dual Linear Polarization

Applications:

- Radar Systems
- Communication Systems

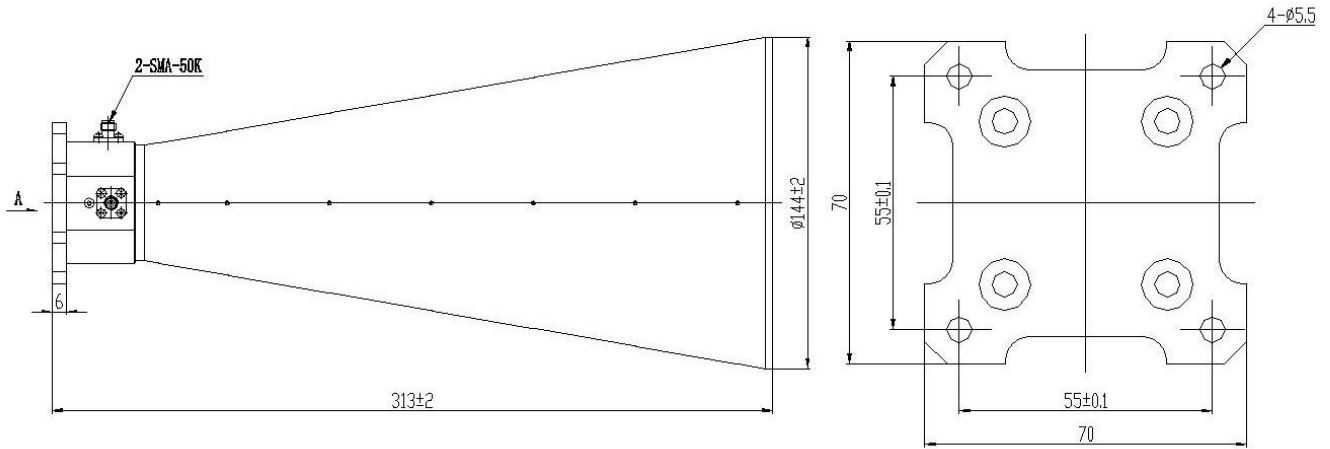
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	2		18	GHz
增益 Gain		10		dBi
极化方式 Polarization mode	Dual Linear			
驻波 Input VSWR			2.5	:1
波束宽度 Antenna Beamwidth	10		55	°

机械特性 Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
材质 Material	Al	
表面处理 Finish	True color conductive oxidation	
波导接口 Waveguide Connectors	SMA Female	
尺寸 Size	∅144*313	mm
重量 Weight	≤1.1	Kg

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-20180DPHA10S	Dual Polarized Horn Antenna, 2-18GHz, Gain: 10dBi Typ, SMA Female	Rev.1.0