Suzhou Talent Microwave,Inc
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Dual Polarized Horn Antenna

SMA Female/5-15GHz/5dBi Min, Gain

Model: TL-50150DPHA5S

TL-50150DPHA5S is a dual polarized horn antenna that operates from 5 to 15GHz, The antenna offers 5dBi minimum gain. The antenna VSWR is 2.5:1 maximum. The antenna cross polarization isolation is typical 25 dB. The antenna RF port is configuration offers coax adapter structure with SMA female. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Features:

- Operating Frequency 5 to 15GHz
- Gain: 5dBi Min
- Dual Linear Polarization

Applications:

- Radar Systems
- Communication Systems

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	5		15	GHz
Gain	5			dBi
Polarization mode	Dual Linear			
Input VSWR			2.5	:1
1dB Antenna Beamwidth	25			°
3dB Antenna Beamwidth	40			°
Cross Polarization Isolation	25(0°)			dB

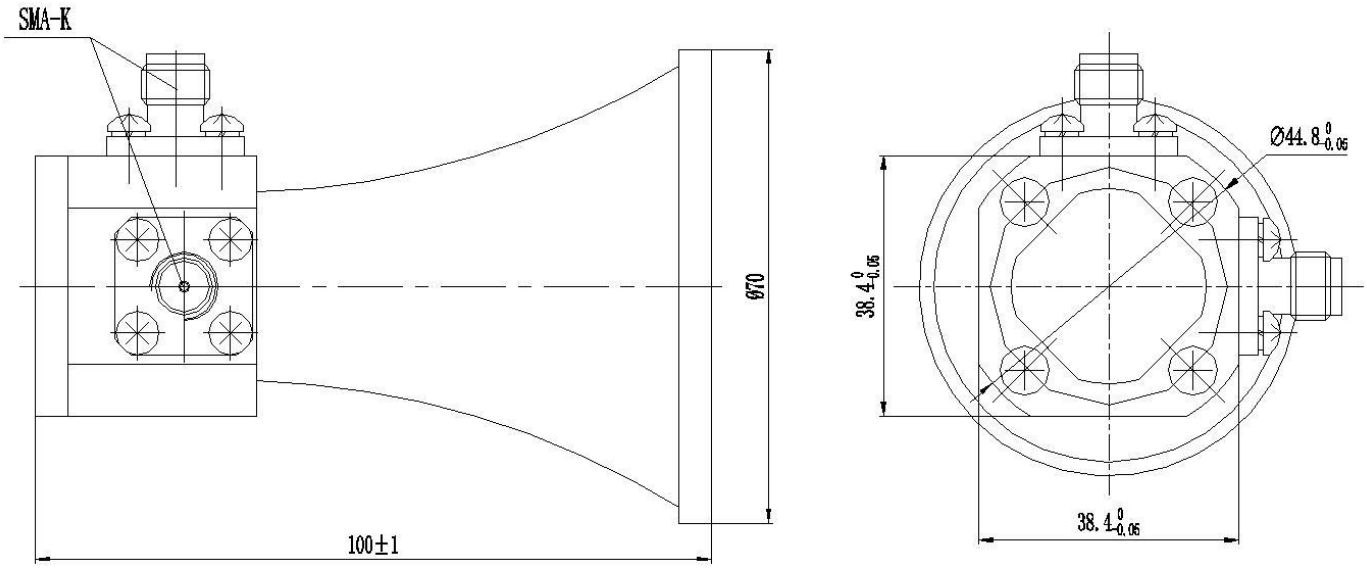
Physical Characteristics:

Parameter	Value	Units
Material	Aluminum	
Finish	Conductive oxidation, spray sea gray paint	
Connectors	SMA Female	
Size	ø70*100	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

Ordering Information:

Base Number	Description	Revision
TL-50150DPHA5S	Dual Polarized Horn Antenna, 5-15GHz,Gain: 5dBi Min,SMA Female	Rev.1.0