

## 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

#### Electrical Characteristics:

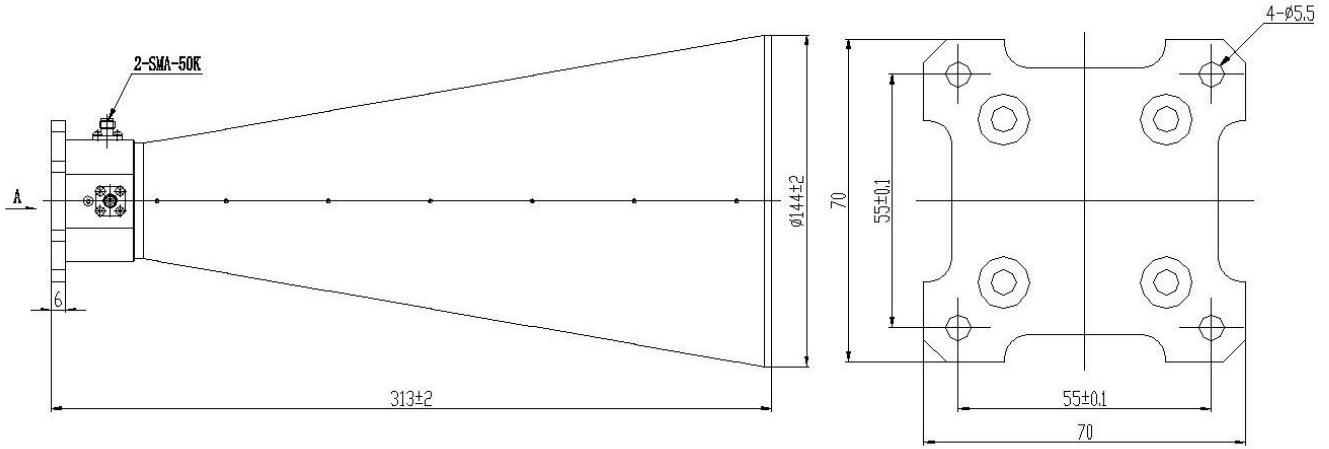
Parameter	Min	Typ	Max	Units
Frequency Range	2		18	GHz
Gain		10		dBi
Polarization mode	Dual Linear			
Input VSWR			2.5	:1
Antenna Beamwidth	10		55	°

#### Physical Characteristics:

Description	Parameter	Units
Material	Al	
Finish	True color conductive oxidation	
Waveguide Connectors	SMA Female	
Size	∅144*313	mm
Weight	≤1.1	Kg

**Outline Drawing:**

Unit:mm



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

**Ordering Information:**

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