

Dual Polarized Horn Antenna

SMA Female/2-18GHz/5dBi Min, Gain

Model:TL-20180DPHA5S

TL-20180DPHA5S is a dual polarized horn antenna that operates from 2 to 18GHz, The antenna offers 5dBi minimum gain. The antenna VSWR is 2.5:1 maximum. The antenna RF port 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 2 to 18GHz
- Gain: 5dBi Min
- Dual Linear Polarization

Applications:

- Radar Systems
- Communication Systems

Electrical Characteristics:

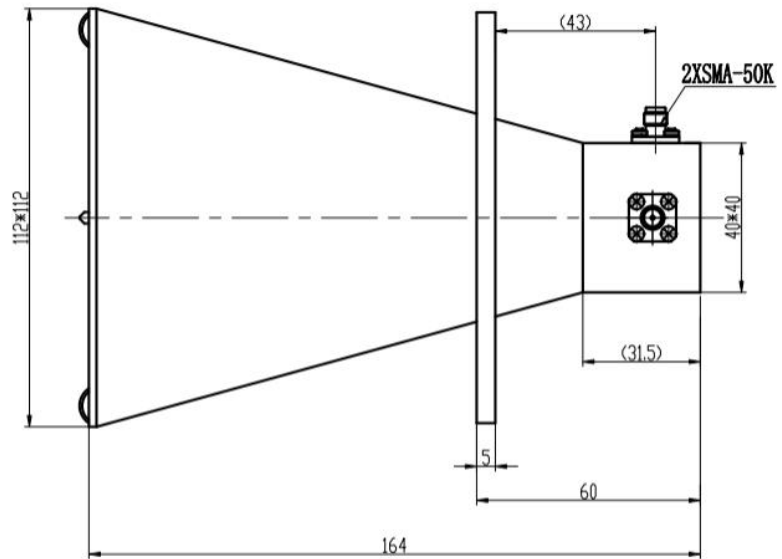
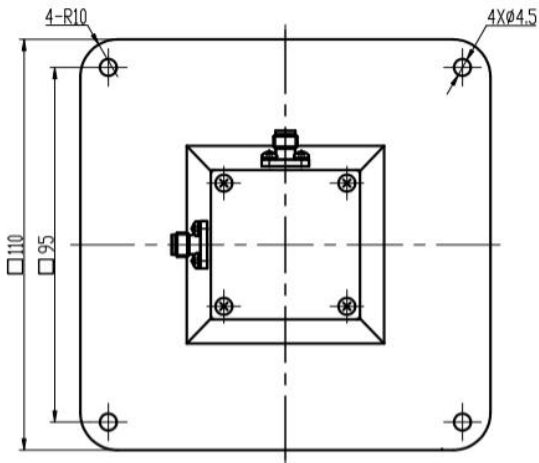
Parameter	Min	Typ	Max	Units
Frequency Range	2		18	GHz
Gain	5			dBi
Polarization mode	Dual Linear			
Input VSWR			2.5	:1

Physical Characteristics:

Description	Parameter	Units
Material	Aluminium	
Finish	Conductive oxidation	
Connectors	SMA Female	
Size	164*112*112	mm

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-20180DPHA5S	Dual Polarized Horn Antenna, 2-18GHz, Gain: 5dBi Min, SMA Female	Rev.1.0

