

Standard Gain Horn Antenna

WR-1.0/750-1100GHz/25dBi Typ, Gain

Model:TL-1SHA25

TL-1SHA25 is a standard gain horn antenna that operates from 750 GHz to 1100 GHz. The antenna offers 25 dBi nominal gain. The input of this antenna is a WR-1.0 waveguide with UG-387/U-M anti-cocking flange. The standard gain horn is offered for antenna range calibration purpose mainly, but it can be also used for general purpose system set ups.

Features:

- Operating Frequency 750 to 1100 GHz
- Gain: 25dBi Typ
- Linear Polarization
- Good Impedance Match

Applications:

- Antenna Ranges
- Antenna Gain Measurements
- System Setups

Electrical Characteristics:

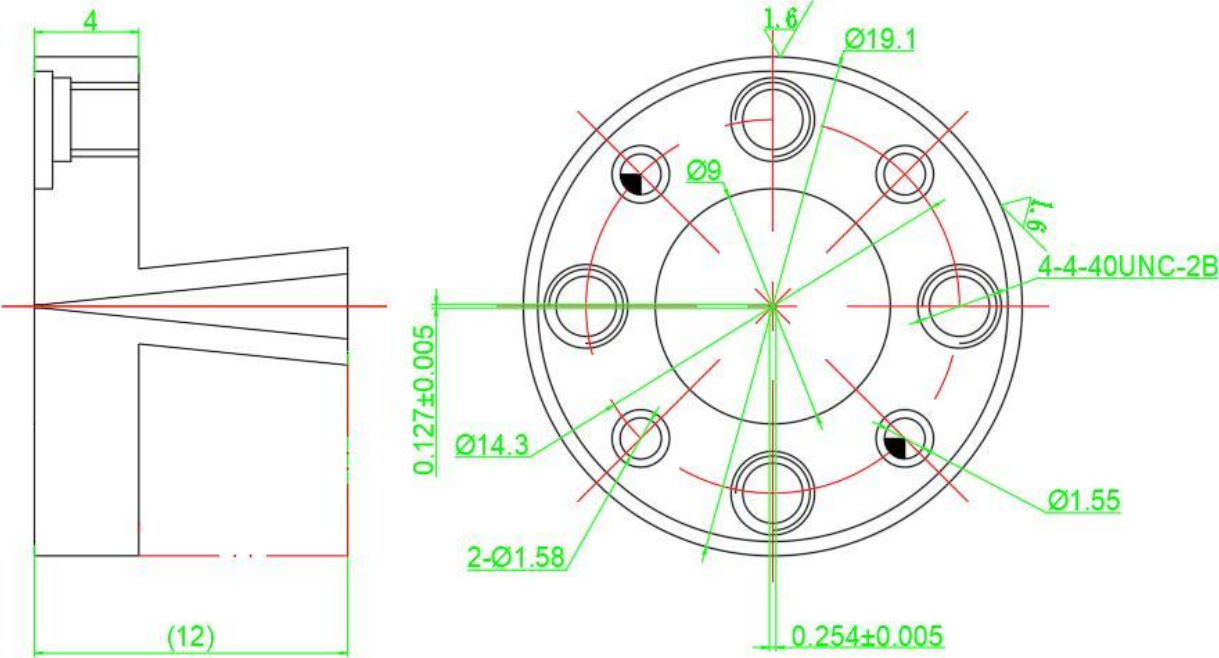
Parameter	Min	Typ	Max	Units
Frequency Range	750		1100	GHz
Gain		25		dBi
Polarization mode	Linear			
Input VSWR			1.15	:1
Output mode	APF1.0			

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Material	Brass	
Finish	Gold plated	
Connectors	WR-1.0/UG-387/U	
Size	ø19.1*24.6	mm
Weight	20	g

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TL-1SHA25	Standard Gain Horn Antenna, 750-1100GHz, Gain: 25dBi Typ.	Rev.1.0