

Standard Gain Horn Antenna

WR-28/26.5-40GHz/20 dBi Typ, Gain

Model:TL-28SHA20

TL-28SHA20 is a standard gain horn antenna that operates from 26.5 GHz to 40 GHz. The antenna offers 20 dBi nominal gain. The input of this antenna is a WR28 waveguide with FBP320 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 26.5 to 40 GHz
- Linear Polarization
- Good Impedance Match

Applications:

- Antenna Ranges
- Antenna Gain Measurements
- System Setups

Electrical Characteristics:

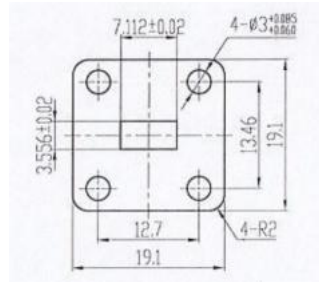
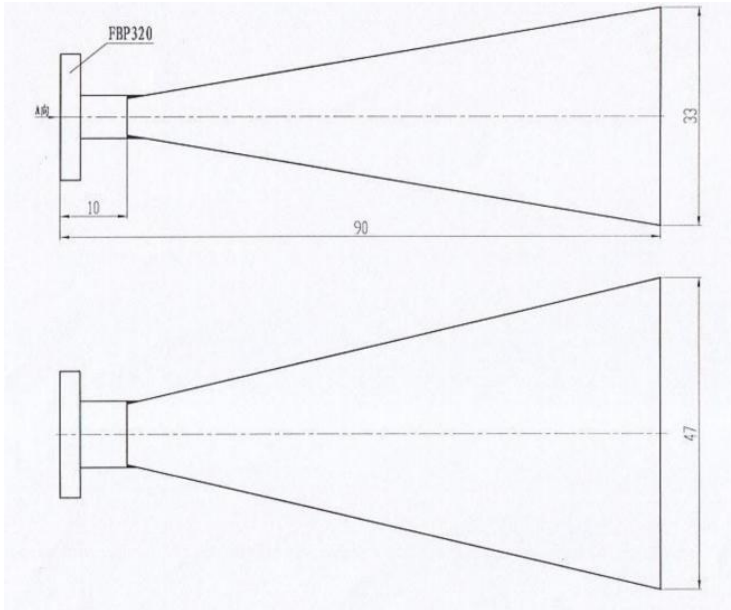
Parameter	Min	Typ	Max	Units
Frequency Range	26.5		40	GHz
Gain		20		dBi
Input VSWR			1.25	:1

Environmental And Physical Characteristics:

Description	Parameter	Units
Material	Copper	
Finish	Gold plated	
Connectors	WR-28/FBP320	
Length	90	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TL-28SHA20	Standard Gain Horn Antenna, 26.5-40GHz, Gain: 20 dBi Typ.	Rev.1.0