

## 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

### 电气特性 Electrical Characteristics:

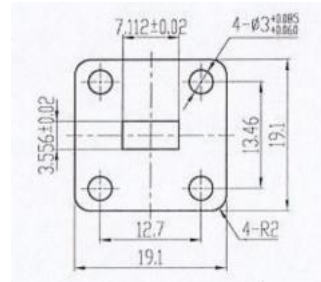
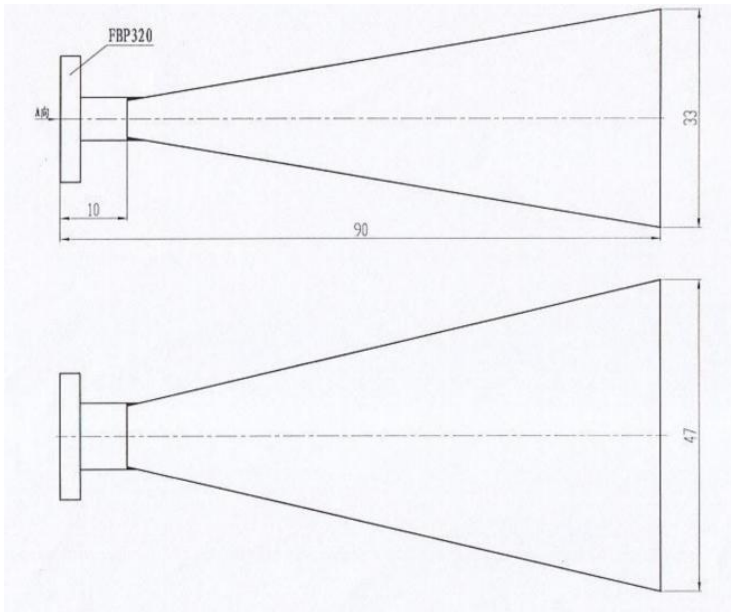
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	26.5		40	GHz
增益 Gain		20		dBi
驻波 Input VSWR			1.25	:1

### 环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
材质 Material	Copper	
表面处理 Finish	Gold plated	
接口 Connectors	WR-28/FBP320	
长度 Length	90	mm

**外形图 Outline Drawing:**

Unit:mm



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

**订货信息 Ordering Information:**

标准型号 Base Number	描述 Description	版本号 Revision
TL-28SHA20	Standard Gain Horn Antenna, 26.5-40GHz, Gain: 20 dBi Typ.	Rev.1.0