泰莱微波
Talent Microwave

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Standard Gain Horn Antenna

2.92mm Female/26.5-40GHz/20dBi Typ, Gain Model: TL-28SHAK20

TL-28SHAK20 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 configuration offers coax adapter structure with 2.92mm female. 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
- Gain: 20dBi Typ
- 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			1.5	:1

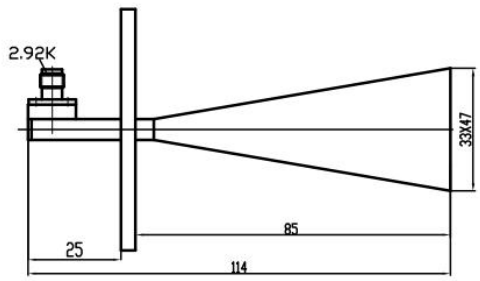
环境和机械特性 Envrionmental And Physical Characteristics:

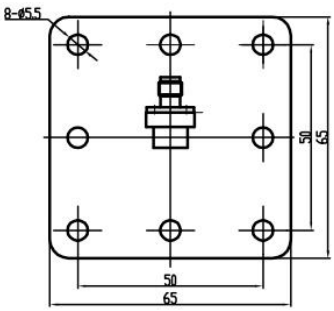
参数 Parameter	指标 Value	单位 Units
材质 Material	Brass	
表面处理 Finish	Silver plated, spray sea gray paint	
接口 Connectors	2.92mm Female	
尺寸 Size	114*65*65	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm





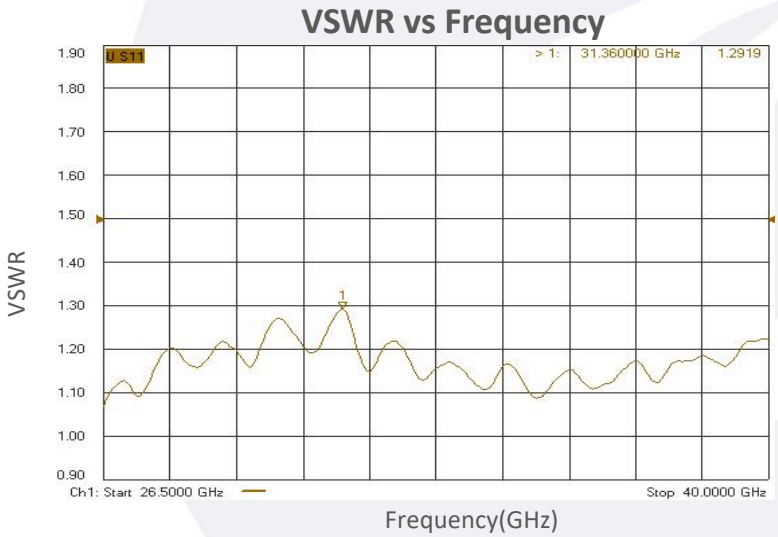


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-28SHAK20	Standard Gain Horn Antenna, 26.5-40GHz,Gain: 20dBi Typ.	Rev.1.0

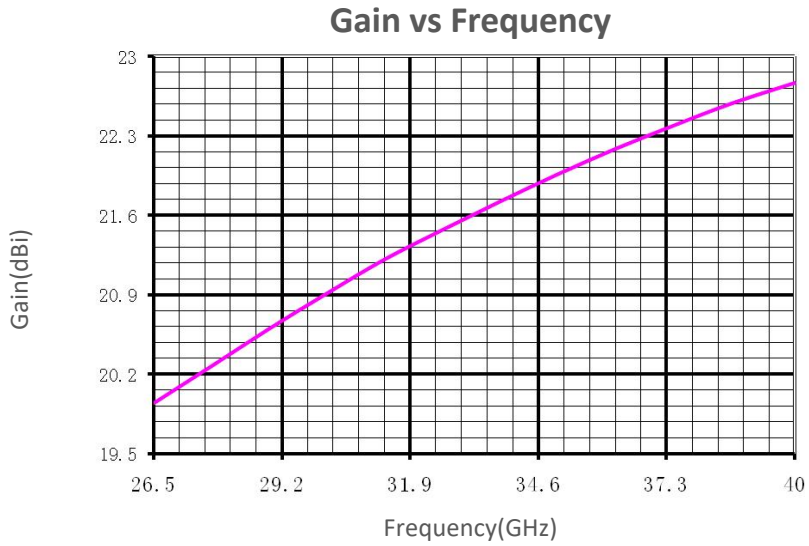
典型曲线 Typical Performance Data:



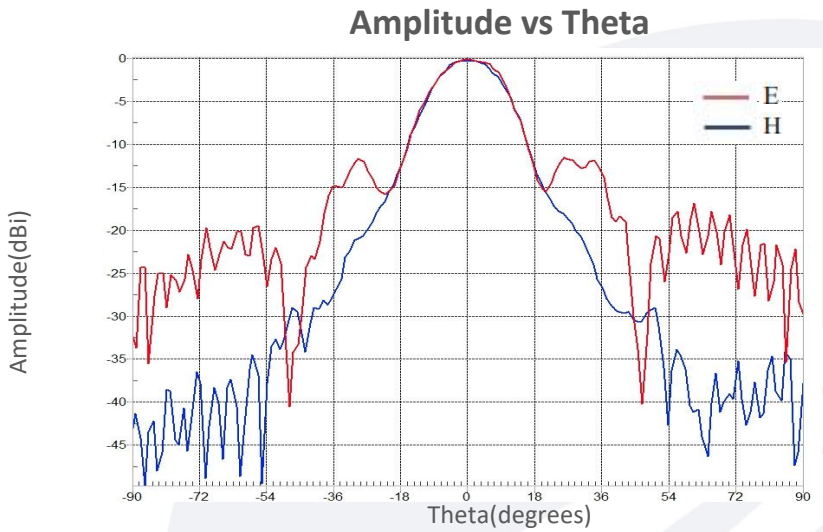
Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

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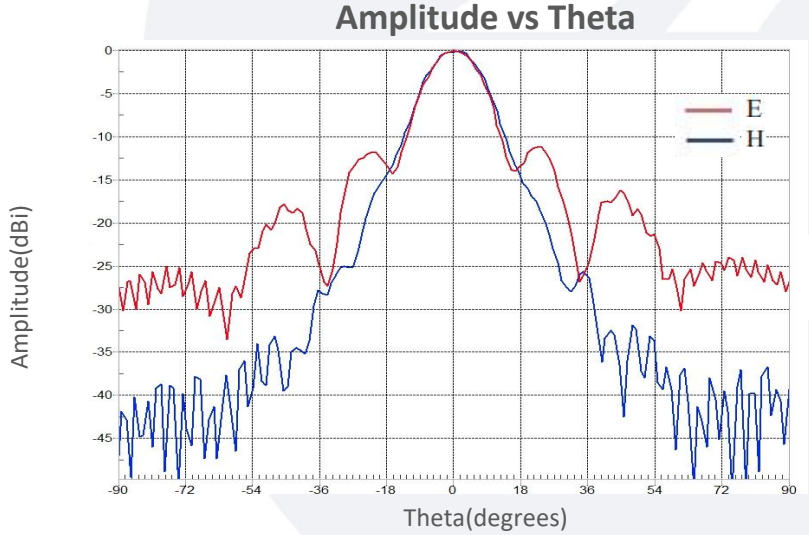
典型曲线 Typical Performance Data:



26.5GHz:



33.25GHz:

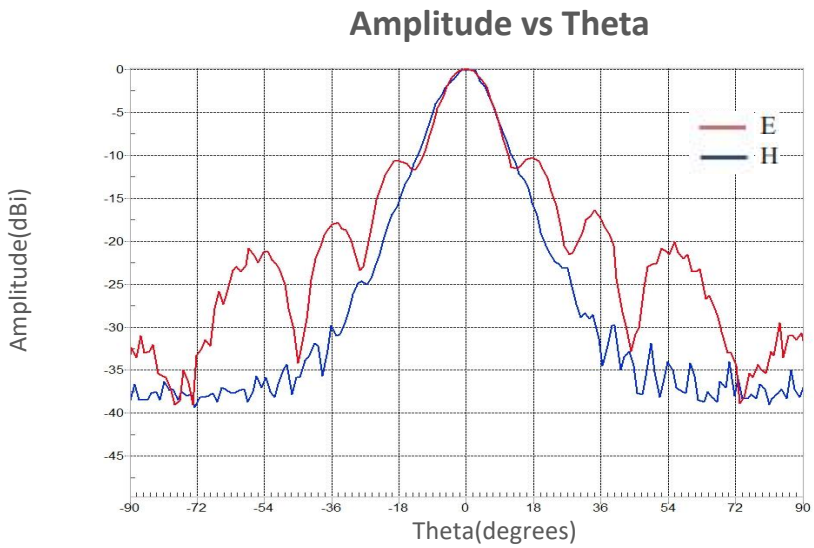


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典型曲线 Typical Performance Data:

40GHz:



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