泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Standard Gain Horn Antenna

SMA Female/11.9-18GHz/25dBi Typ, Gain

Model: TL-62SHAS25

TL-62SHAS25 is a standard gain horn antenna that operates from 11.9 GHz to 18 GHz. The antenna offers 25 dBi nominal gain.The input of this antenna configuration offers coax adapter structure with SMA 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 11.9 to 18 GHz
- Gain: 25dBi 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		11.9		18	GHz
增益 Gain			25		dBi
驻波 Input VSWR				1.5	:1
波束宽度 Antenna Beamwidth	@E Plane	7		11	°
	@H plane	7		1	

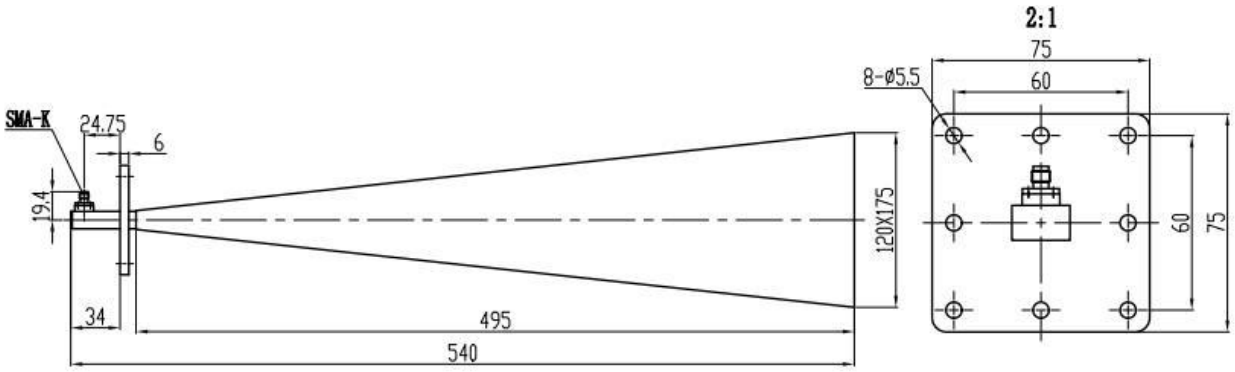
环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
材质 Material	Aluminum	
表面处理 Finish	Conductive oxidation	
接口 Connectors	SMA Female	
尺寸 Size	540*120*175	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



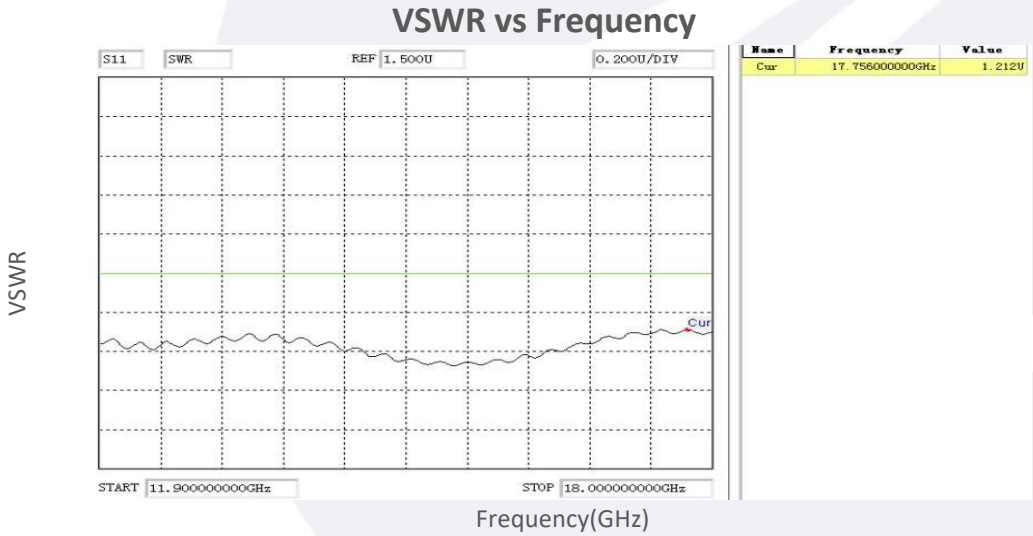


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-62SHAS25	Standard Gain Horn Antenna, 11.9-18GHz,Gain: 25dBi Typ.	Rev.1.0

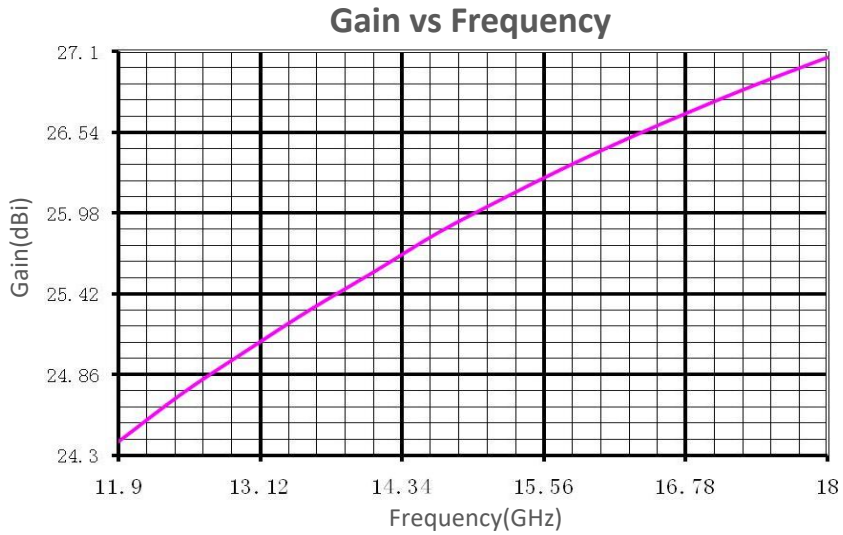
典型曲线 Typical Performance Data:



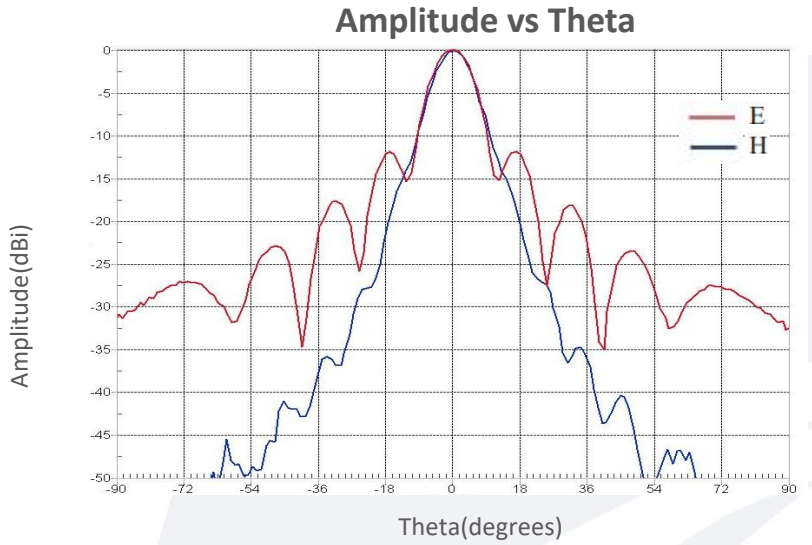
Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

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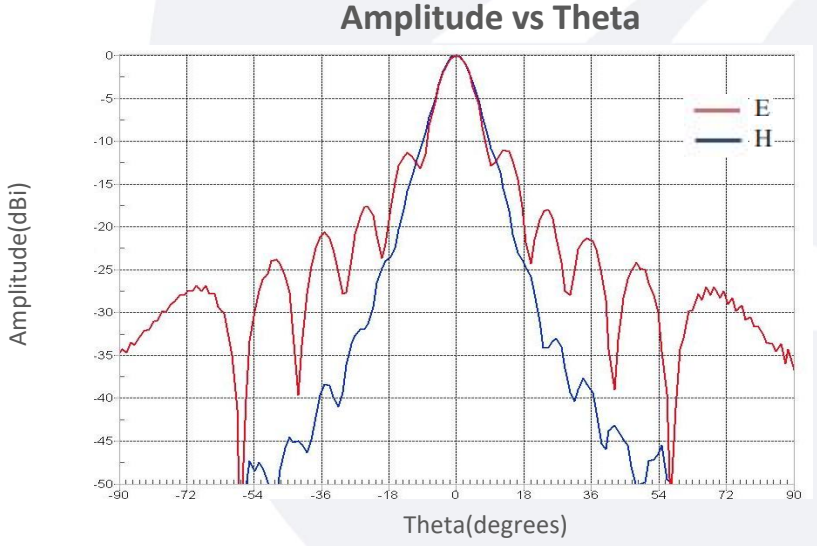
典型曲线 Typical Performance Data:



11.9GHz:



14.95GHz:

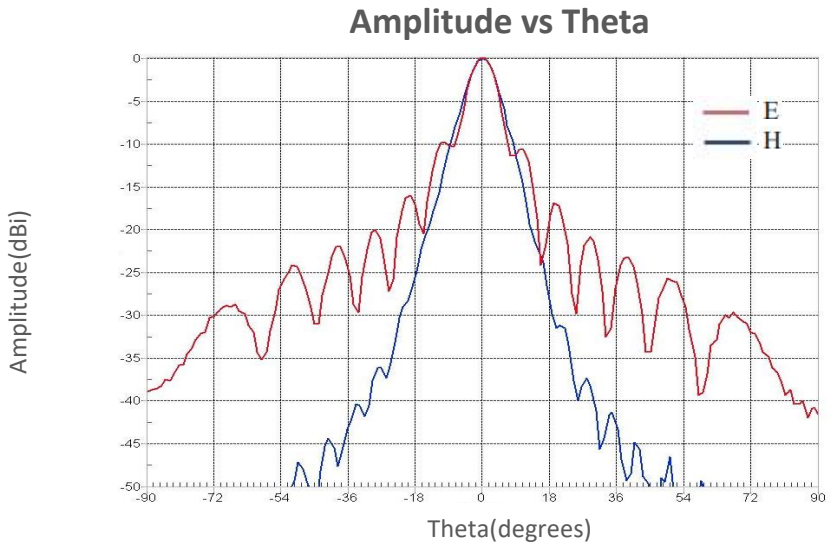


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典型曲线 Typical Performance Data:

18GHz:



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