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

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Frequency Range		11.9		18	GHz
Gain			25		dBi
Input VSWR				1.5	:1
Antenna Beamwidth	@E Plane	7		11	°
	@H plane	7		1	

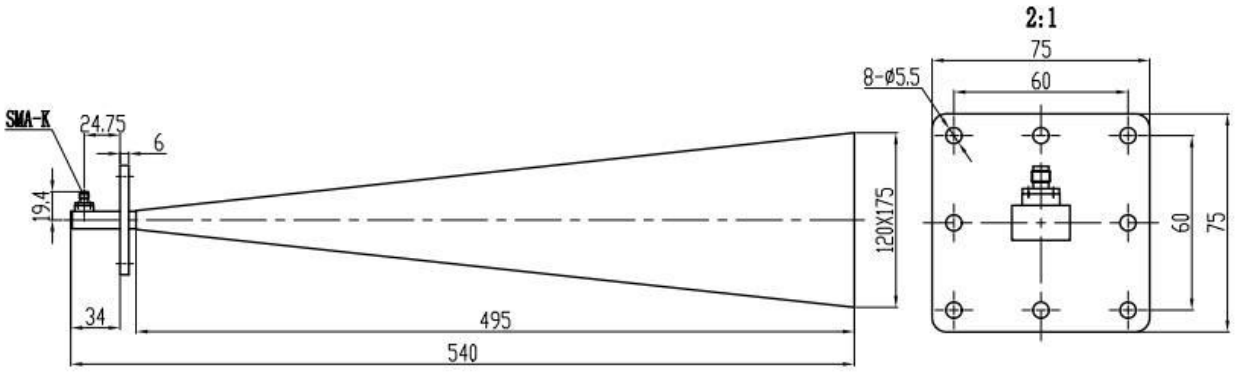
Envrionmental And Physical Characteristics:

Parameter	Value	Units
Material	Aluminum	
Finish	Conductive oxidation	
Connectors	SMA Female	
Size	540*120*175	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm

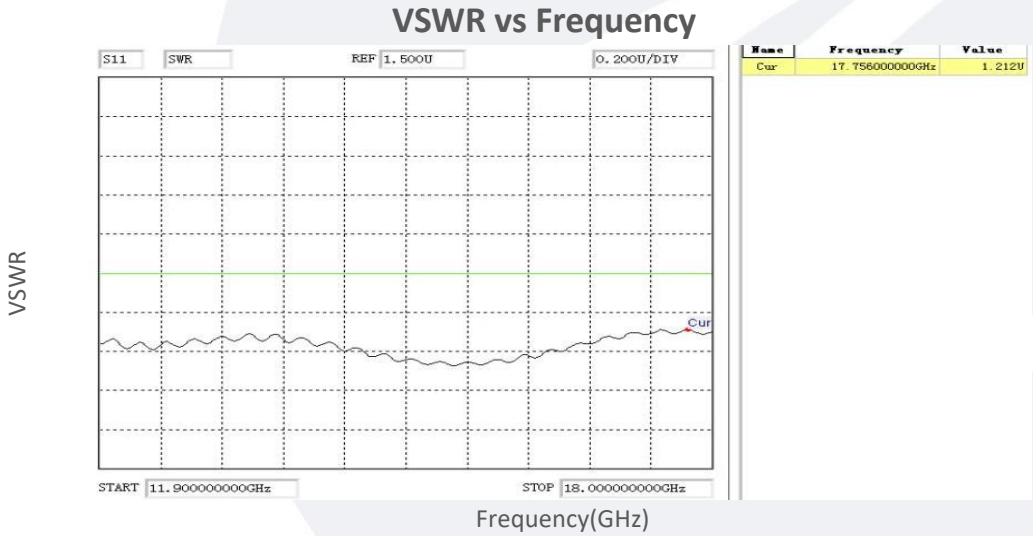


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TL-62SHAS25	Standard Gain Horn Antenna, 11.9-18GHz,Gain: 25dBi Typ.	Rev.1.0

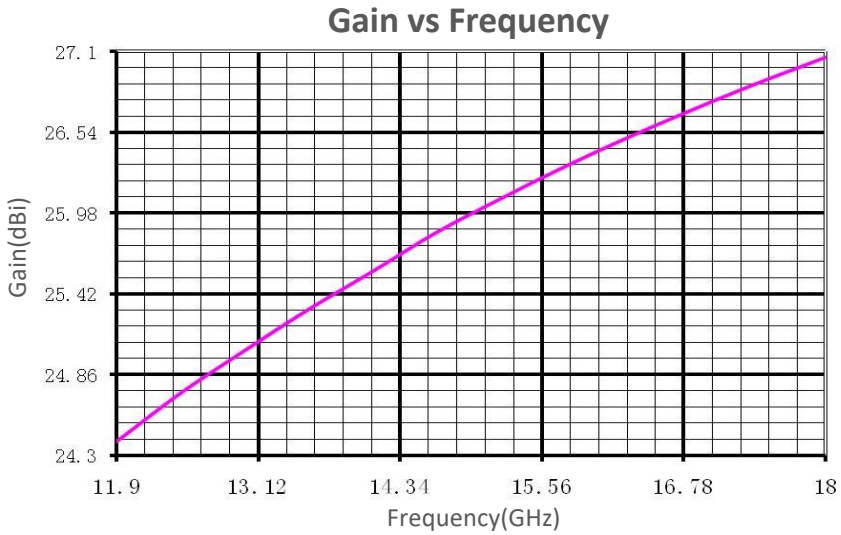
Typical Performance Data:



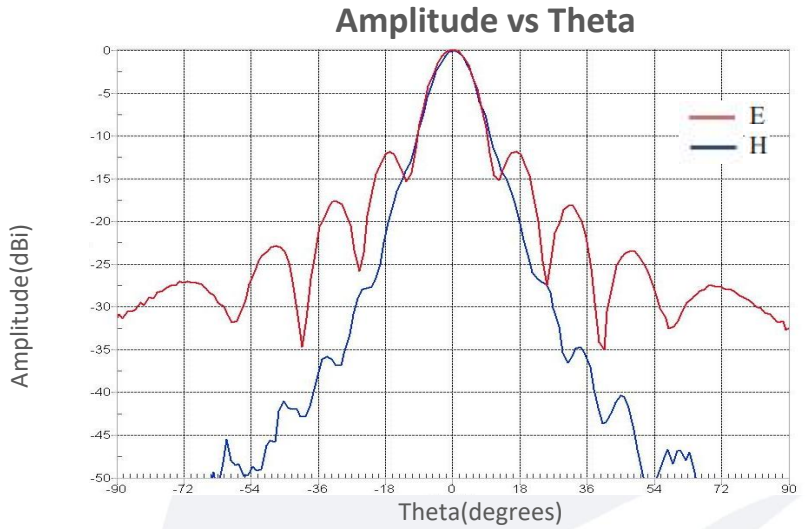
Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

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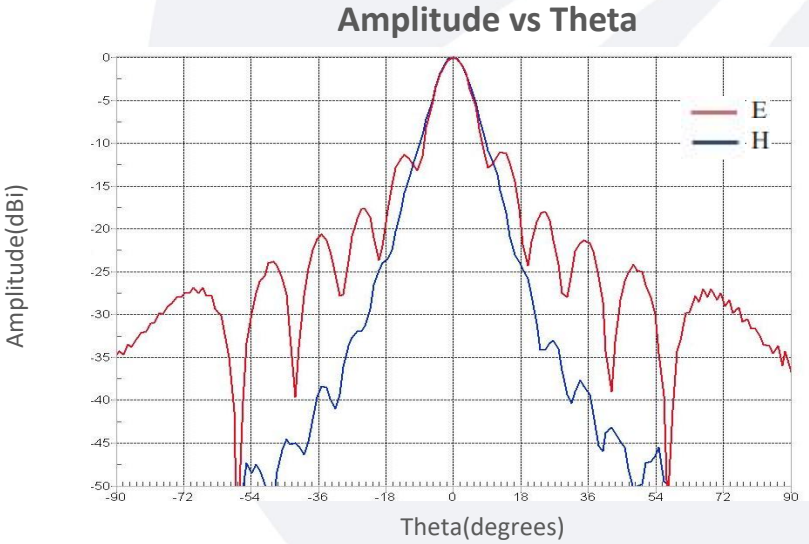
Typical Performance Data:



11.9GHz:



14.95GHz:

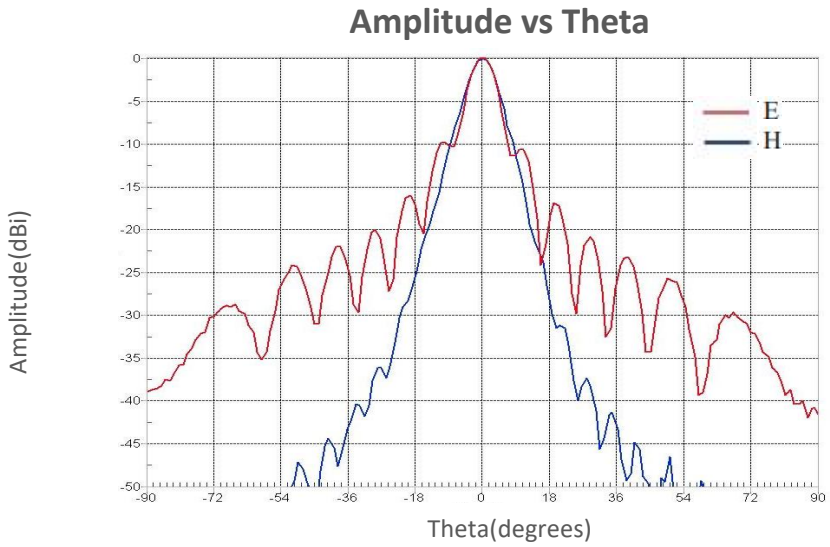


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Typical Performance Data:

18GHz:



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