Suzhou Talent Microwave,Inc
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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

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	26.5		40	GHz
Gain		20		dBi
Input VSWR			1.5	:1

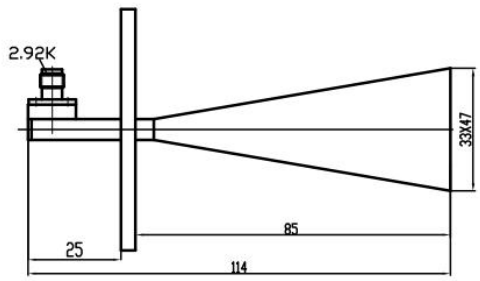
Envrionmental And Physical Characteristics:

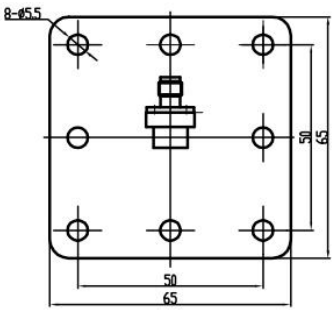
Parameter	Value	Units
Material	Brass	
Finish	Silver plated, spray sea gray paint	
Connectors	2.92mm Female	
Size	114*65*65	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm





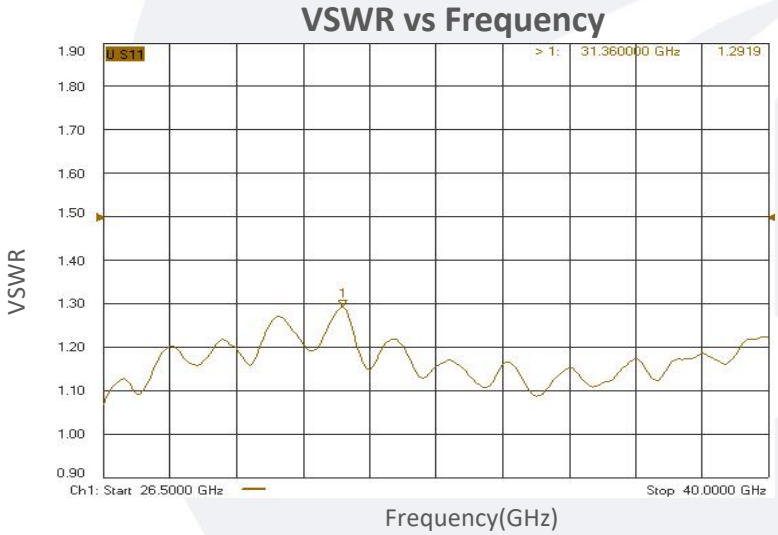


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TL-28SHAK20	Standard Gain Horn Antenna, 26.5-40GHz,Gain: 20dBi Typ.	Rev.1.0

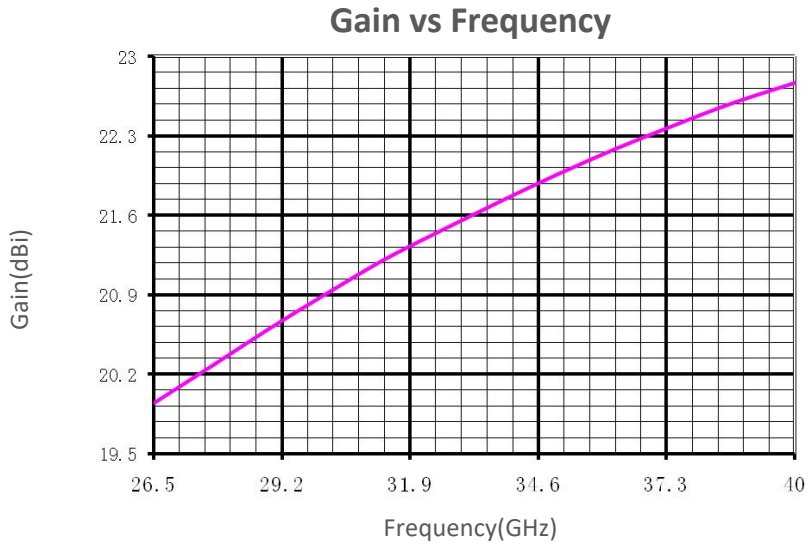
Typical Performance Data:



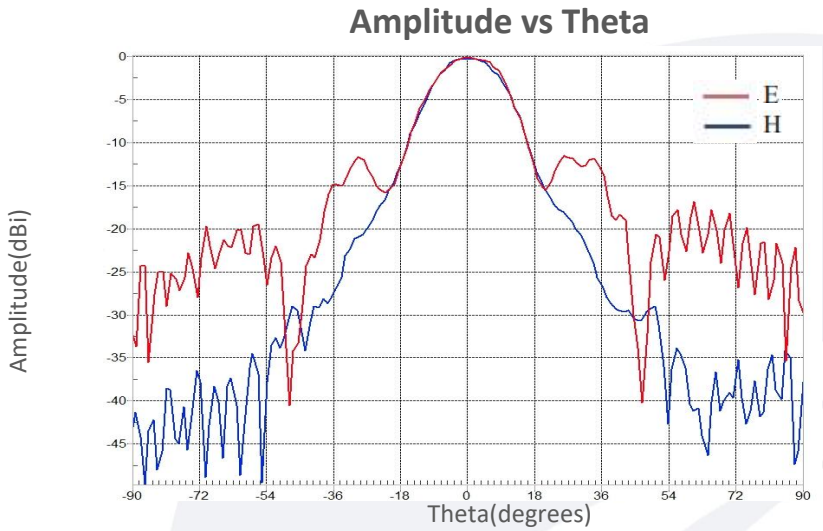
Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

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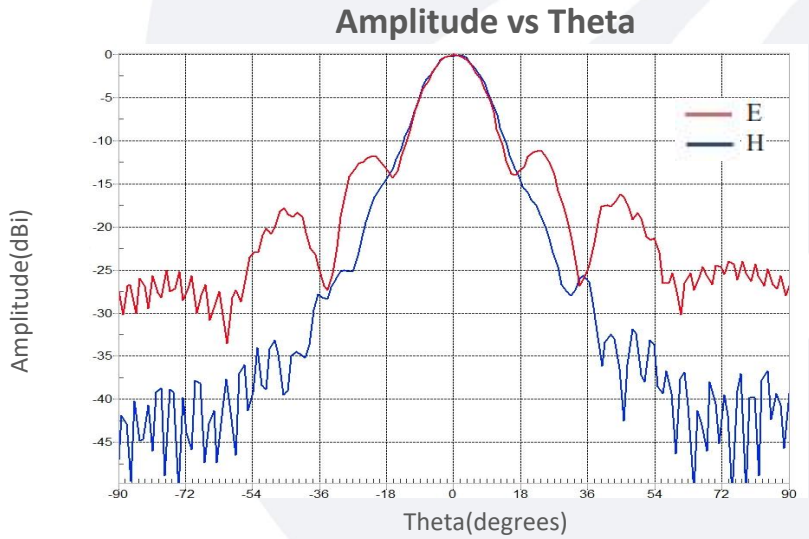
Typical Performance Data:



26.5GHz:



33.25GHz:

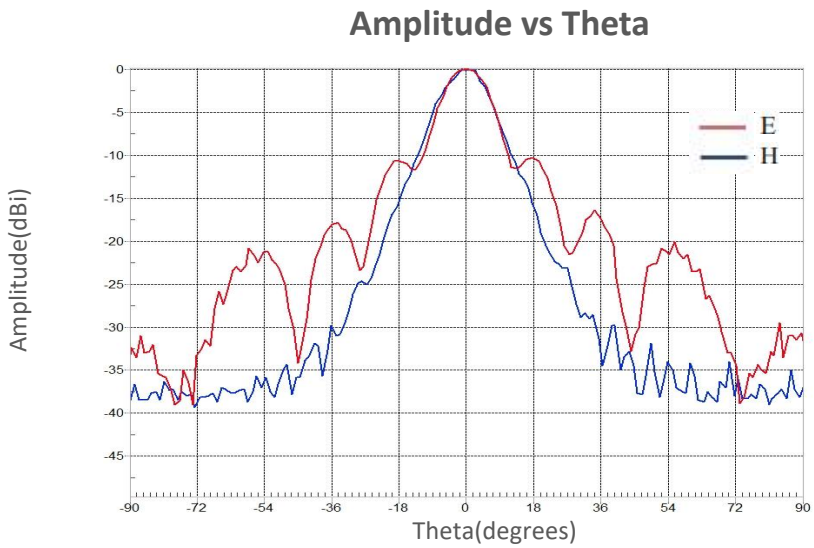


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Typical Performance Data:

40GHz:



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