

26.5-40GHz Standard Gain Horn Antenna with WR28 Waveguide Port

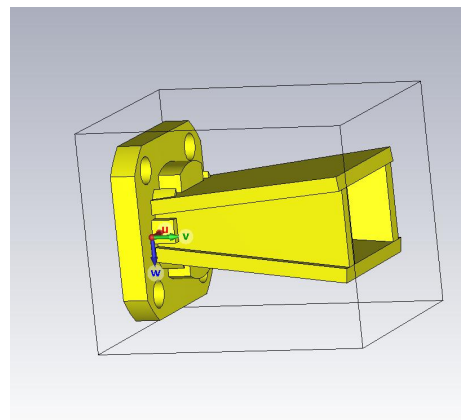
P/N: YX-SGH-28-10

Features

- Covering frequencies from 26.5 to 40GHz
- Directional, linear Polarization
- Reliable gain, low standing wave.
- Lightweight, high reliability, and long lifespan

Typical Applications

- EMI detection, direction finding, and reconnaissance
- Measurement of antenna gain and pattern



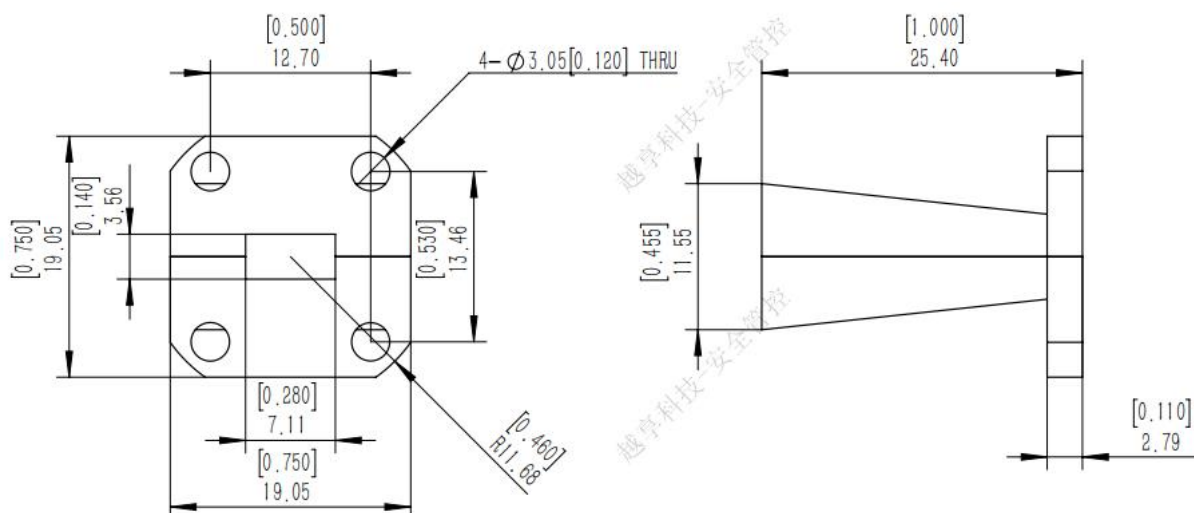
Electrical & Environmental Specifications

Operating Frequency	26.5-40 GHz
Gain	10dB typical
VSWR	1.25 max
3dB Beamwidth-Horizontal	62~42 degrees
3dB Beamwidth-Vertical	66~44 degrees
Specification Temperature	+25°C
Operating Temperature	-40°C~+85°C

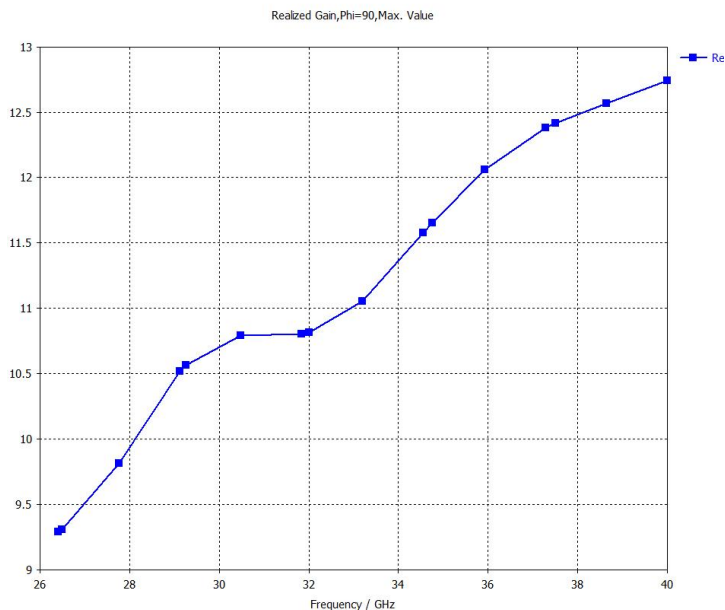
Mechanical Specifications

Waveguide Option	WR28
Flange	UG599/U(Optional)
Material	Brass
Inside Finish	Gold plating inside
Outside Finish	Gray painting(Optional)
Weight	/
Sizes (mm)	19.5*19.5*25.4mm

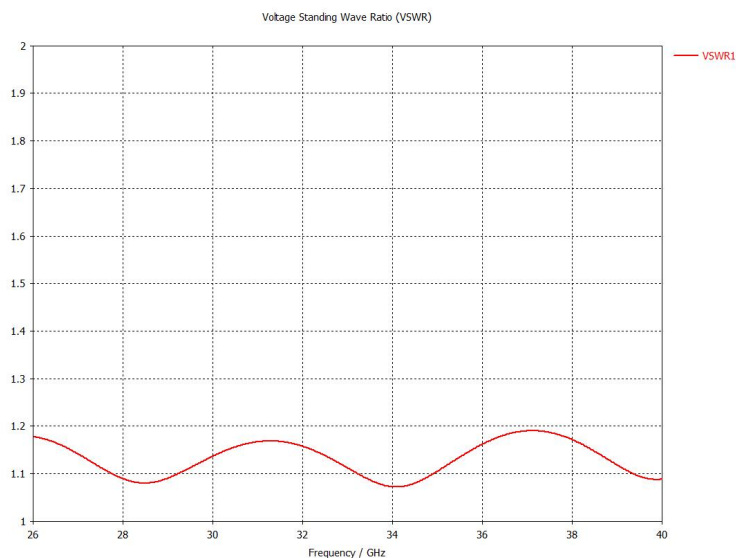
Outline Drawing(Unit:mm)



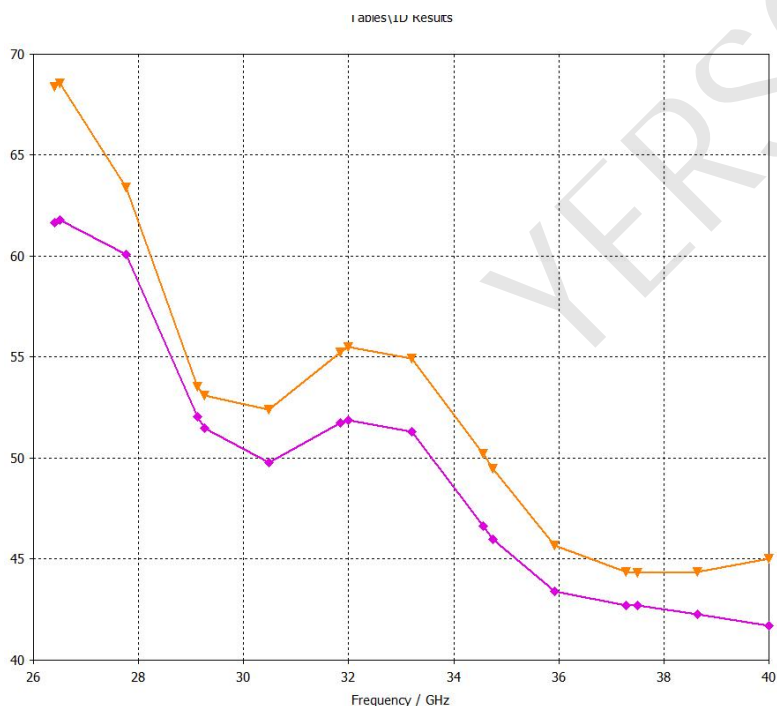
Gain VS Frequency Plots



Input VSWR VS Frequency



3dB Beamwidth



E-plane:Orange , H-plane:Pink

Notice:All of the aboving data is simulation for reference.

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