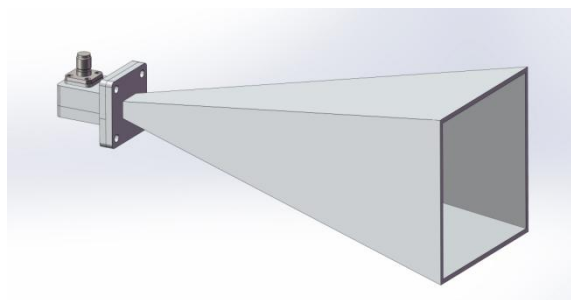


26.5-40GHz Standard Gain Horn Antenna ,25dB, OS2.4-F

P/N: YX-SGH28-25OS2.4F

Descriptions:

Model YX-SGH28-25OS2.4F is a standard gain horn antenna that operates from 26.5 to 40 GHz, it is linear polarization, The RF port is equipped with OS2.4 connector which is optional.



Features:

- Wideband Frequency, High Gain
- Excellent Directionality, linear Polarization
- Lightweight, high reliability, and long lifespan

Applications:

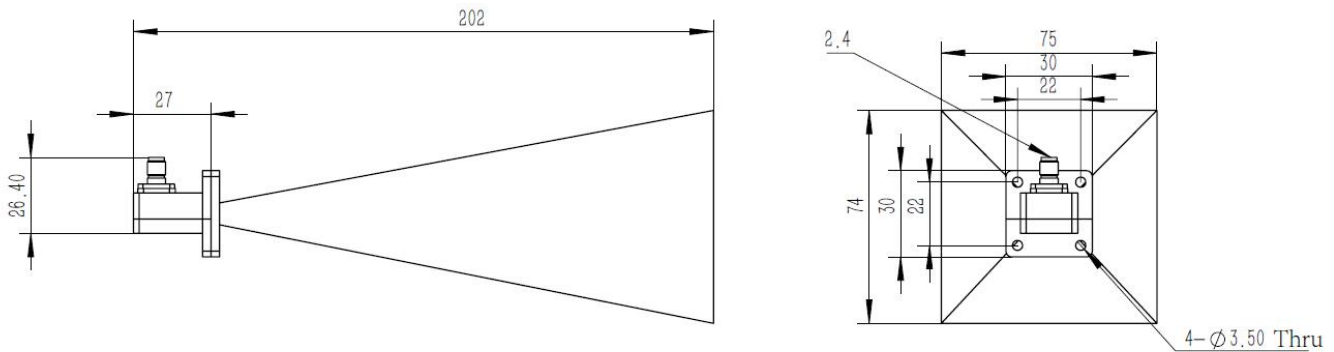
- Antenna Communication System
- Antenna Measurement and Calibration
- Research and Experimentation



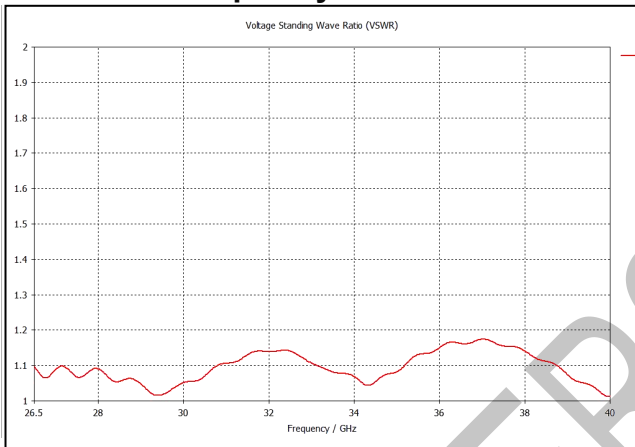
Electrical & Environmental	
Frequency	26.5-40GHz
Gain	25 dB typical
VSWR	1.25 max
Polarization	Linear
E-Plane 3 dB Beamwidth	10 to 6 degrees
H-Plane 3 dB Beamwidth	12 to 9 degrees
Cross Polarization	-25dB max
Power Handling	15W(cw)
Specification Temperature	+25°C
Operating Temperature	-40°C~+85°C

Mechanical Specifications	
Connector	OS2.4-Female/Male
Material	Brass/Aluminum
Inside Finish	Passivation inside/Chem Film
Outside Finish	Painting outside(Color Optional)
Dimensions	155*45*53mm
Weight (approx.)	/

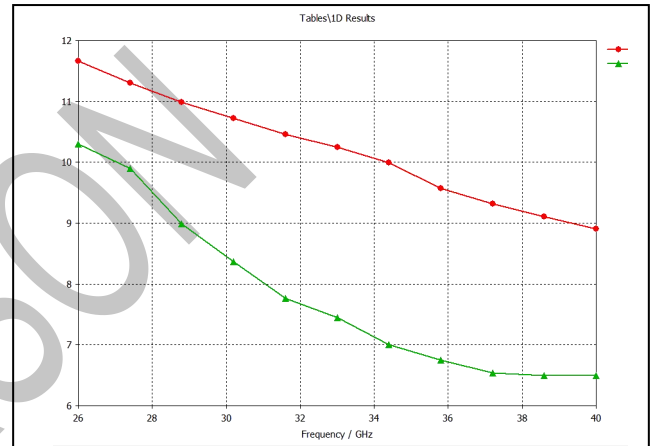
Outline Drawing(Unit:mm):



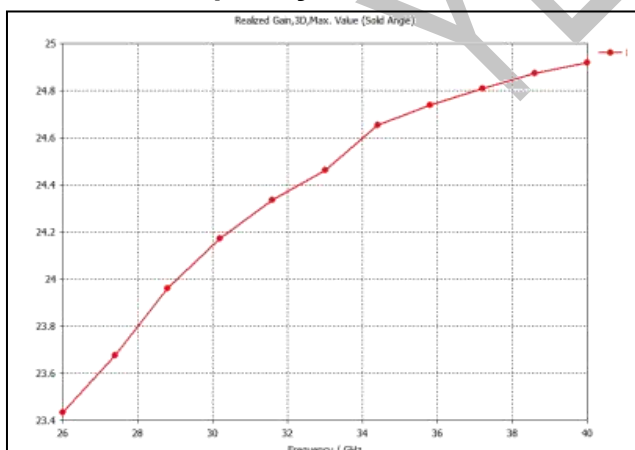
VSWR VS Frequency



3dB Beamwidth



Gain VS Frequency Plots



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

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