

33-50GHz Standard Gain Horn Antenna, OS2.4-F Connector P/N: YX-SGH-22-15OS2.4F

Descriptions:

Model **YX-SGH-22-15OS2.4F** is a standard gain horn antenna that operates from 33~ 50 GHz, it is linear polarization, The RF port is equipped with OS2.4-Female connector which is optional.



Features:

- Wide-band Frequency, High Gain
- Excellent Directional, linear Polarization
- Lightweight, high reliability, and long lifespan

Applications:

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



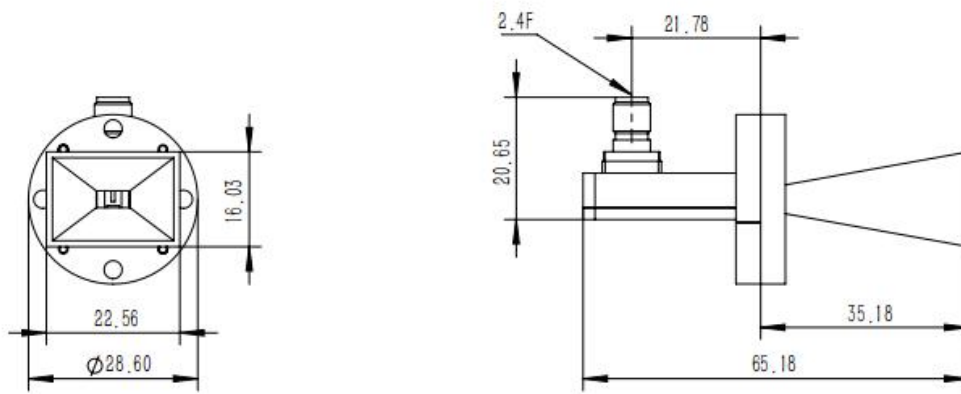
Electrical & Environmental Characteristics

Frequency	33-50GHz
Gain	15 dB typical
VSWR	1.5 max
Polarization	Linear
E-Plane 3dB Beam width	30 to 20 degrees
H-Plane 3dB Beam width	31 to 21 degrees
Cross Polarization	-25dB max
Specification Temperature	+25°C
Operating Temperature	-40°C~+85°C

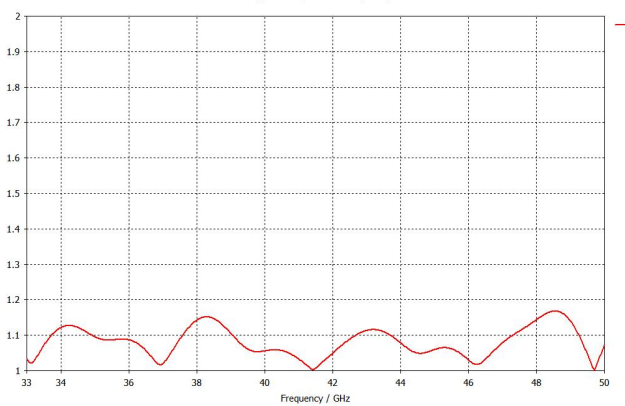
Mechanical Specifications

Connector	OS2.4-Female/Optional
Material	Brass
Finishing Inside and Outside	Gold plating inside and outside
Size	28.60*35.18*65.18mm
Weight (approx.)	/

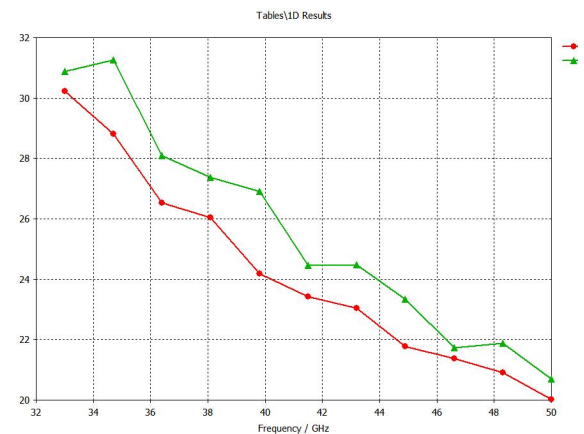
Outline Drawing(Unit: mm):



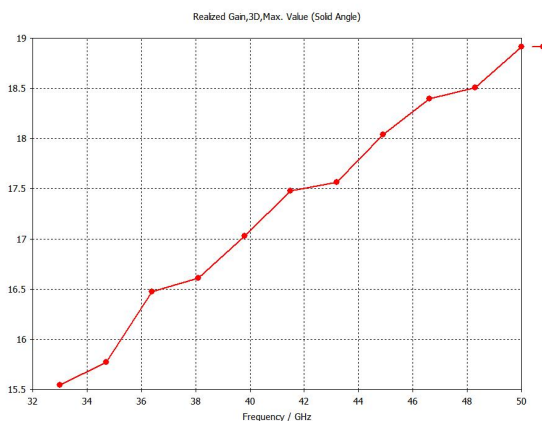
VSWR VS Frequency



3dB Beam width



Gain VS Frequency Plots



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

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