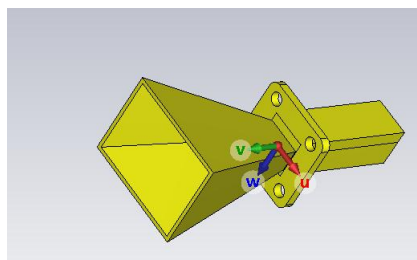


22-33GHz Standard Gain Horn Antenna with WR34 Wave-guide Port P/N: YX-SGH-34-20**Descriptions:**

Model **YX-SGH-34-20** is a standard gain horn antenna that operates from 22~33 GHz, it is linear polarization, The RF port is equipped with wave-guide flange which is optional.

**Features:**

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

Applications:

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

**Electrical & Environmental Characteristics**

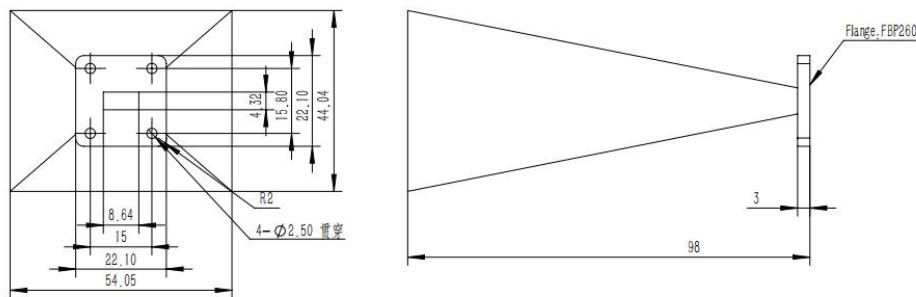
Frequency	22-33GHz
Gain	20 dB typical
VSWR	1.25 max
Polarization	Linear
E-Plane 3 dB Beam width	16 to 11 degrees
H-Plane 3 dB Beam width	18 to 12 degrees
Cross Polarization	-25dB max
Specification Temperature	+25°C
Operating Temperature	-40°C~+85°C

Mechanical Specifications

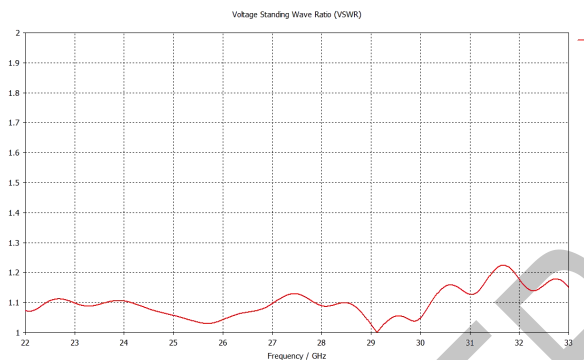
Antenna port	WR34 Waveguide
Flange	UBR260(FBP260)/Optional
Material	Aluminum/Brass
Finishing Inside and Outside	Chem Film Inside and Painting Outside(Color Optional)
Size	98*54.05*44.04mm
Weight (approx.)	/

22-33GHz Standard Gain Horn Antenna with WR34 Wave-guide Port P/N: YX-SGH34-20

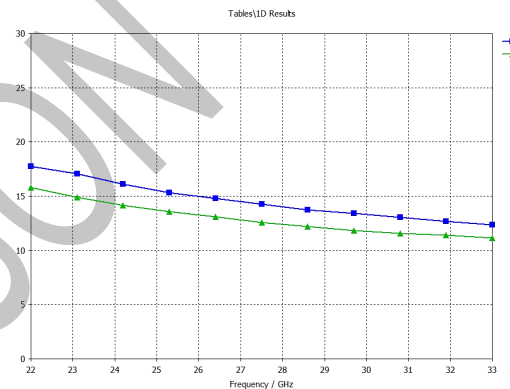
Outline Drawing(Unit: mm):



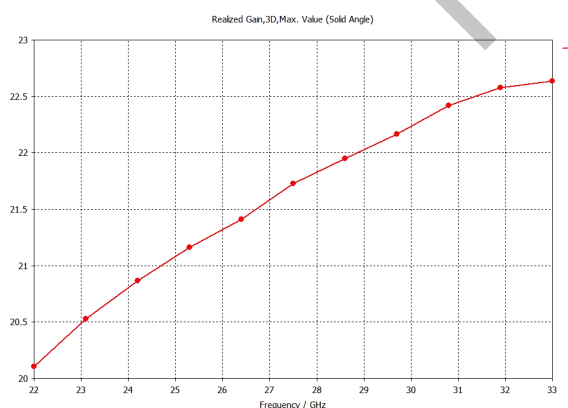
VSWR VS Frequency



3dB Beam-width



Gain VS Frequency Plots



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

YERSON and its affiliates reserve the right to make changes to the products or information contained herein without prior notice. Please visit www.yersontech.com for additional data sheets and product information.