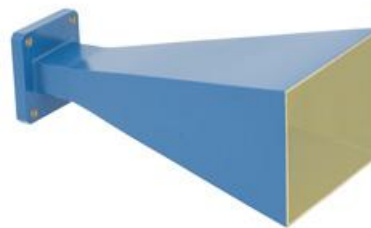


12.4-18Hz Standard Gain Horn Antenna with WR62 Waveguide Port P/N: YX-SGH62-20**Descriptions:**

Model **YX-SGH62-20** is a standard gain horn antenna that operates from 12.4 to 18 GHz, it is linear polarization, The RF port is equipped with waveguide flange 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 Characteristics**

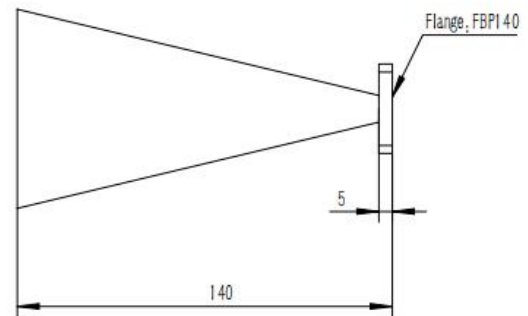
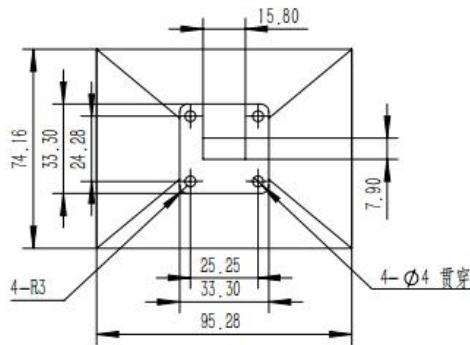
Frequency	12.4-18GHz
Gain	20dB typical
VSWR	2.0 max
Polarization	Linear
E-Plane 3 dB Beamwidth	16 to 12 degrees
H-Plane 3 dB Beamwidth	19 to 14 degrees
Cross Polarization	-25dB max
Specification Temperature	+25℃
Operating Temperature	-40℃~+85℃

Mechanical Specifications

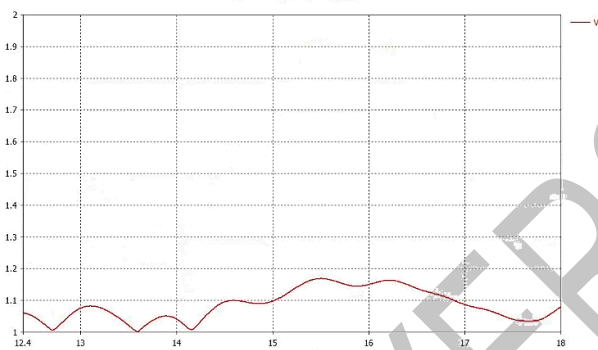
Antenna Port	WR62
Flange	UBR140(FBP140)/optional
Material	Aluminum
Finishing Inside and Outside	Chem Film Inside and Painting outside(Color Optional)
Size	95.28 x 140 mm
Weight (approx.)	/

12.4-18 GHz Standard Gain Horn Antenna with WR62 Waveguide Port P/N: YX-SGH-62-20

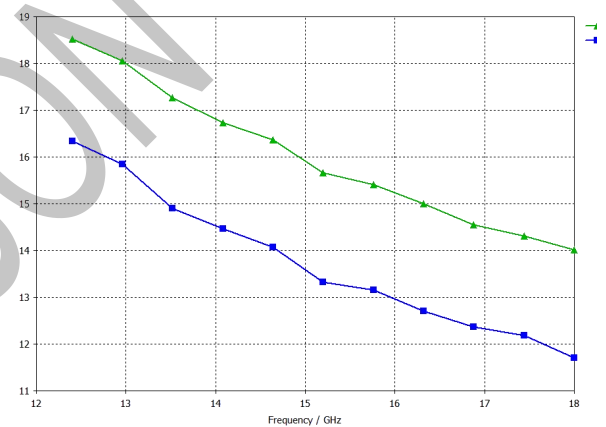
Outline Drawing (Unit:mm):



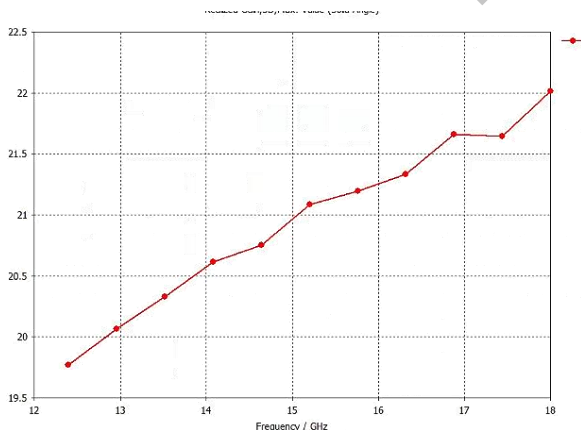
VSWR VS Frequency



3dB Beamwidth



Gain VS Frequency Plots



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

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