

8.2-12.4GHz Standard Gain Horn Antenna with WR90 Waveguide Port

P/N: YX-SGH90-15

Features

- Covering frequencies from 8.2 to 12.4GHz
- Directional, linear Polarization
- Reliable gain, low standing wave.
- Lightweight, high reliability, and long lifespan

Typical Applications

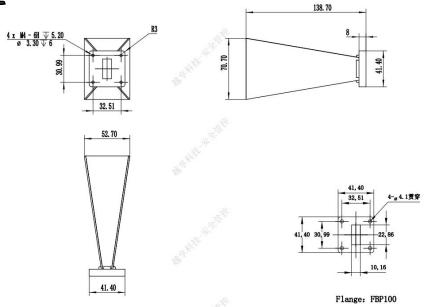
- EMI detection, direction finding, and reconnaissance
- Measurement of antenna gain and pattern



Electrical & Environmental Specifications	
Operating Frequency	8.2-12.4 GHz
Gain	15dB typical
VSWR	1.25 max
3dB Beamwidth-Horizontal	29 degrees
3dB Beamwidth-Vertical	29.3 degrees
Operating Temperature	-30°C~+55°C

Mechanical Specifications	
Waveguide Option	WR90
Flange Type	UG39/U,UG40B/U,PBR100(Optional)
Material	Aluminum
Inside Finish	Oxidation inside
Outside Finish	Blue painting
Weight	1
Sizes (mm)	52.7*70.7*138.7mm

Outline Drawing

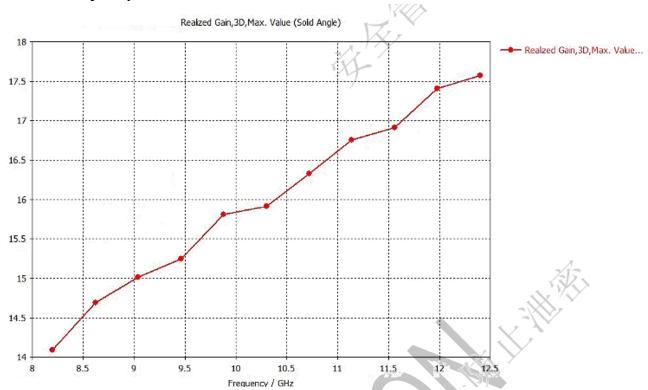




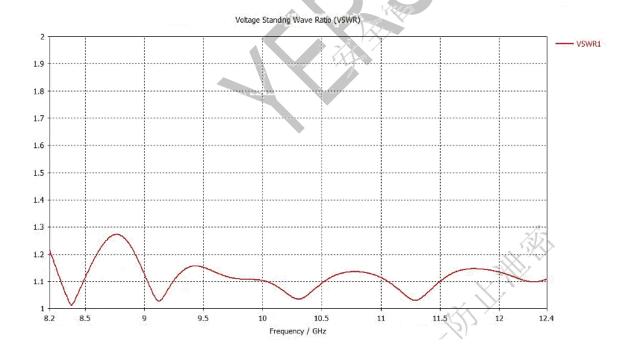
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Gain VS Frequency Plots



Input VSWR VS Frequency



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

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