

Ka-Band Lens Antenna, 24dBi Gain

P/N: YX-LA28-60

Descriptions:

YX-LA28-60 is a Ka-band lens antenna that operates from 26.5 to 40 GHz. The antenna delivers 24dBi nominal gain and a typical half power beamwidth of 9 degrees on the E-plane and 13 degrees on the H-plane. The input of this antenna is a 8.331 mm diameter circular waveguide with UG-599/U Flange. It supports both linear and circular polarized waveforms.

Features:

- Low VSWR
- Low Cross Polarization
- Wideband Characteristics

Applications:

- Microwave communication
- Radar systems
- The field of test and measurement

Electrical & Environmental Specifications

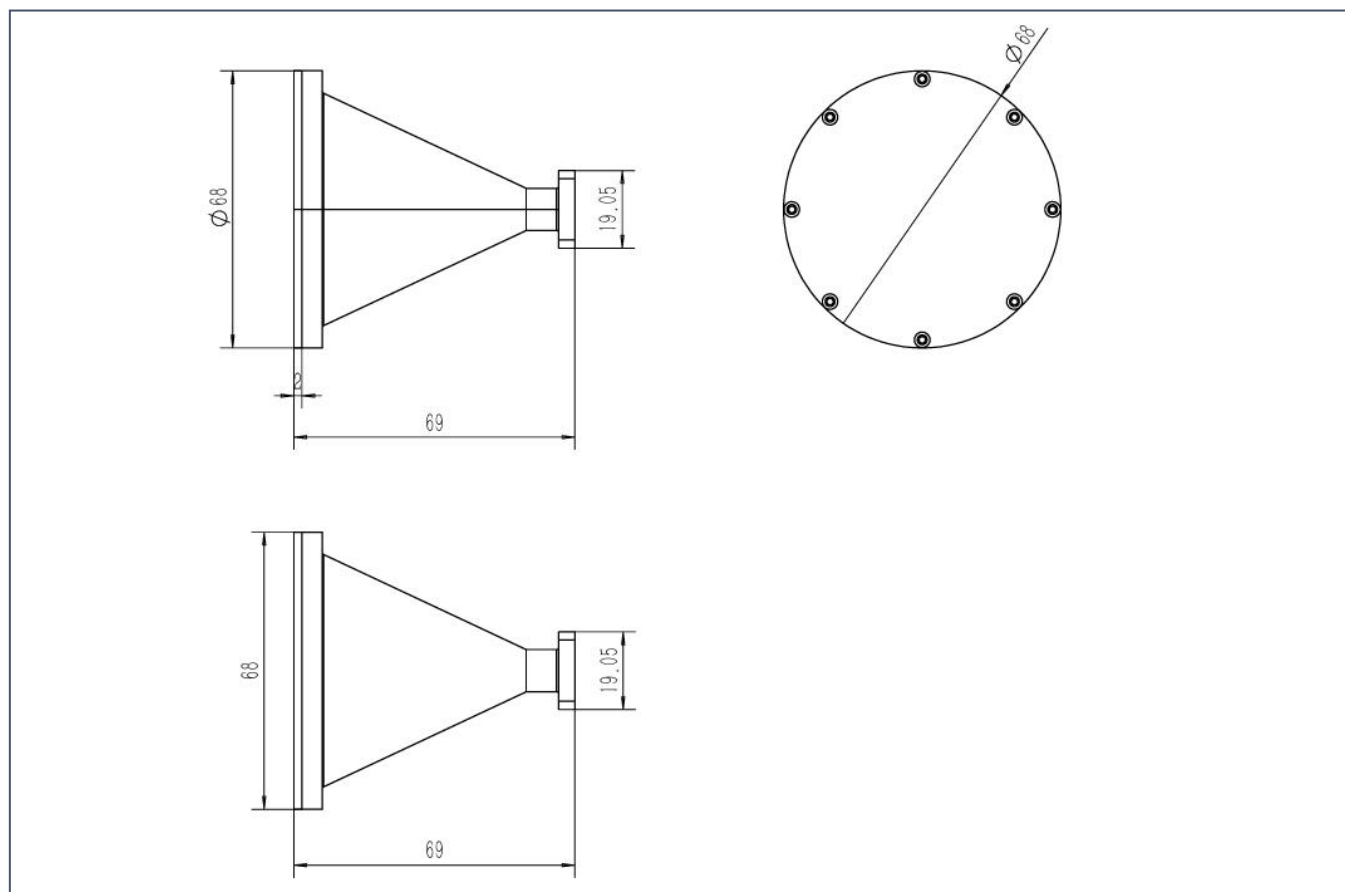
Frequency Range	26.5-40GHz
Gain	24dBi
3 dB Beamwidth, E-Plane	9°
3 dB Beamwidth, H-Plane	13°
Polarization	Linear and Circular
VSWR	2
Specification Temperature	25℃
Operating Temperature	-40~85℃

Mechanical Specifications

Antenna Port	8.331 mm Dia Circular Waveguide
Flange Type	UG-599/U Flange
Lens Diameter	60 mm
Horn Material	Copper
Finish	Gold Plated
Size	68×68×69(mm)



Outline Drawing (Unit:mm) :



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 datasheets and product information.