



特征 Features

- Frequency Coverage: 8.2 to 170 GHz
- Rectangular Waveguide & Circular Waveguide Interface
- Precise Machined and Gold Plated
- Low VSWR

应用 Applications

- Antenna Ranges
- Feed Horns

Description:

The conical gain horns are offered in both standard and custom build models with rectangular waveguide interface. The conical horns only support linear polarization with rectangular waveguide interface. But it can support circular polarization (left and right hand) with circular waveguide interface. These standard models offer 23 dB nominal gain, 9 degrees' half power beam width and 15 dB typical sidelobe level at center frequency of the band. There operate full waveguide bandwidth and cover the frequency range 8.5 to 110 GHz. In addition to the standard models listed. Other frequency band or gain values at 20 and 25 dB are also available per request.

Band	Model No.	Frequency Range (GHz)
X	AC-2309-90/398	8.5 to 11.6
Ku	AC-2309-62/594	13.4 to 18.0
K	AC-2309-42/396	20.0 to 24.5
Ka	AC-2309-28/250	33.0 to 38.5
Q	AC-2309-22/219	38.5 to 43.0
U	AC-2309-19/188	43.0 to 50.0
V	AC-2309-15/141	58.0 to 68.0
E	AC-2309-12/125	66.0 to 88.0
W	AC-2309-10/094	88.0 to 110

Models:

AC-GG BW-WG/DDD

Where, GG is the linear gain in dB

BW is the 3-dB beam width in degrees

WG/DDD is the Rectangular or Circular Waveguide band designator