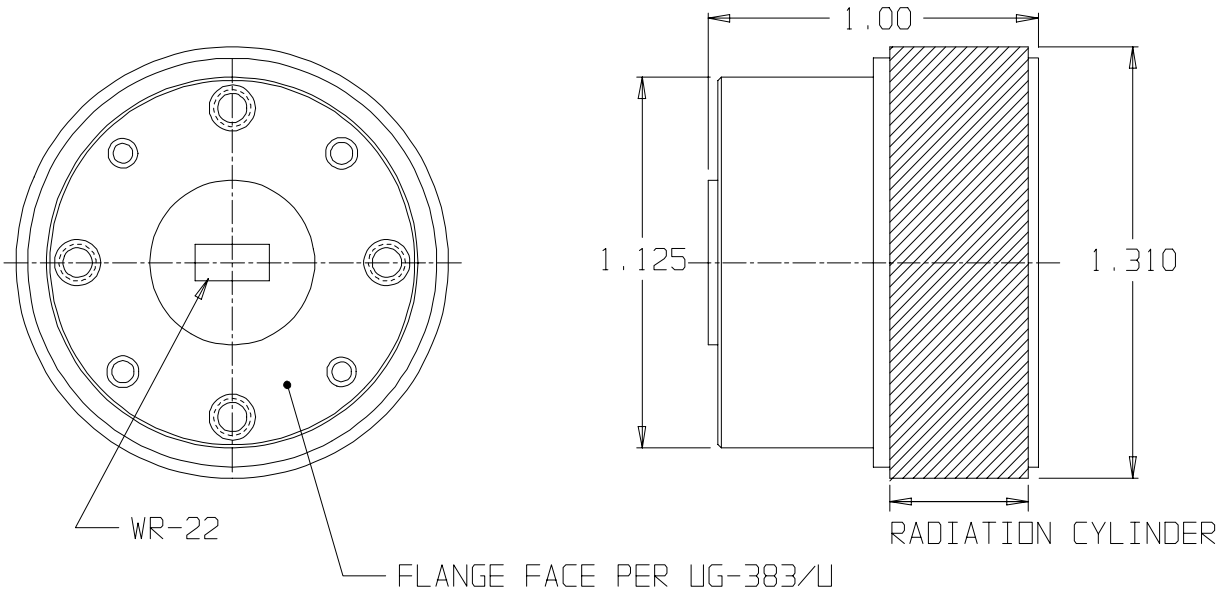
MEC's model T390-317 is a biconical antenna that operates from 39 to 42 GHz. It provides omnidirectional circumferencial coverage with 30° axial beamwidth. The Antenna has a radome that makes it environmentally sealed. The input, WR-22 waveguide, is first converted to TM01 (E01) circular waveguide mode then to TEM biconical mode for low loss and maximum efficiency. This antenna is linearly polarized along the antenna axis with 4 dBi gain. VSWR is less than 1.3:1.

Other biconical antennas from 0.5 GHz to 40 GHz are also available.



SPECIFICATIONS:

Frequency	**39-42 GHz**
Gain	**4 dBiL**
Nominal 3-dB Beamwidth	**30 °**
CW Power	**100 watts**
Polarization	**VERTICAL**
Maximum VSWR	**1.3:1**
Input Interface	**WR-22**
Weight (Max)	**2 oz.**

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