

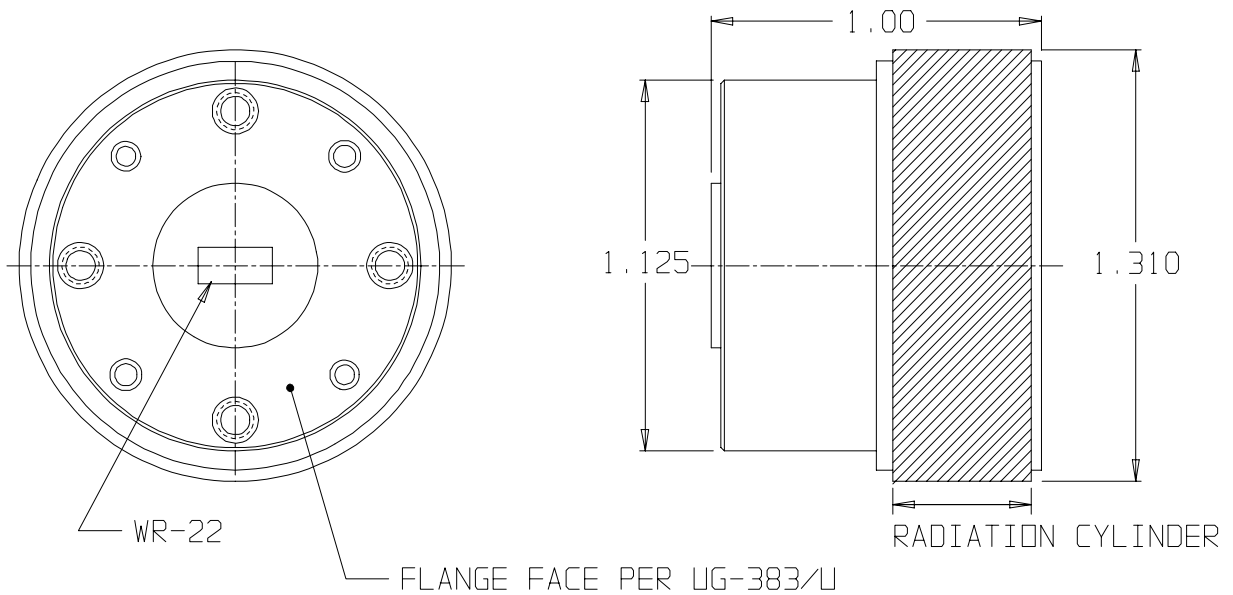


# BICONICAL ANTENNAS T390-317

DATA  
SHEET  
No.T156

MEC's model T390-317 is a biconical antenna that operates from 39 to 42 GHz. It provides omnidirectional circumferential coverage with 30° axial beamwidth. The Antenna has a radome that makes it environmentally sealed. The input, WR-22 waveguide, is first converted to TM<sub>01</sub> (E<sub>01</sub>) 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:

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

