

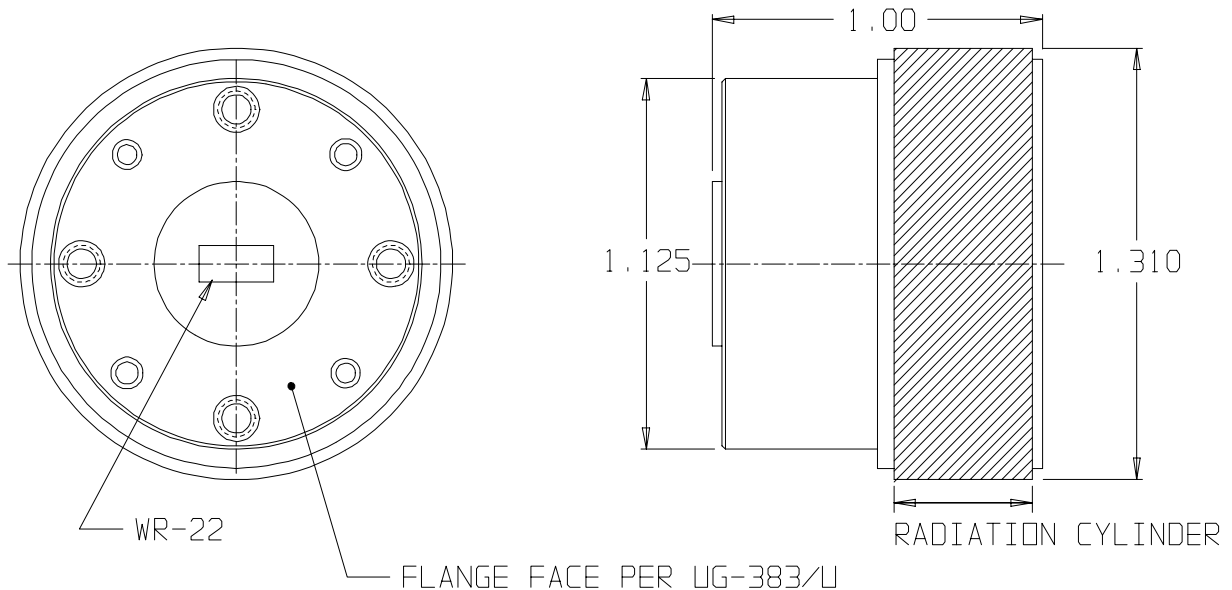


# BICONICAL ANTENNAS T390-317

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 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:

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



Data subject to change without notice



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