

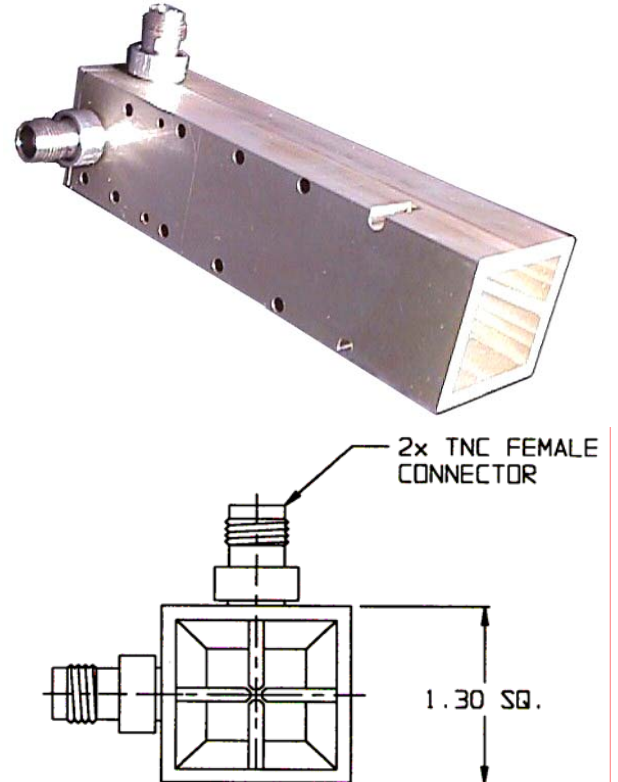
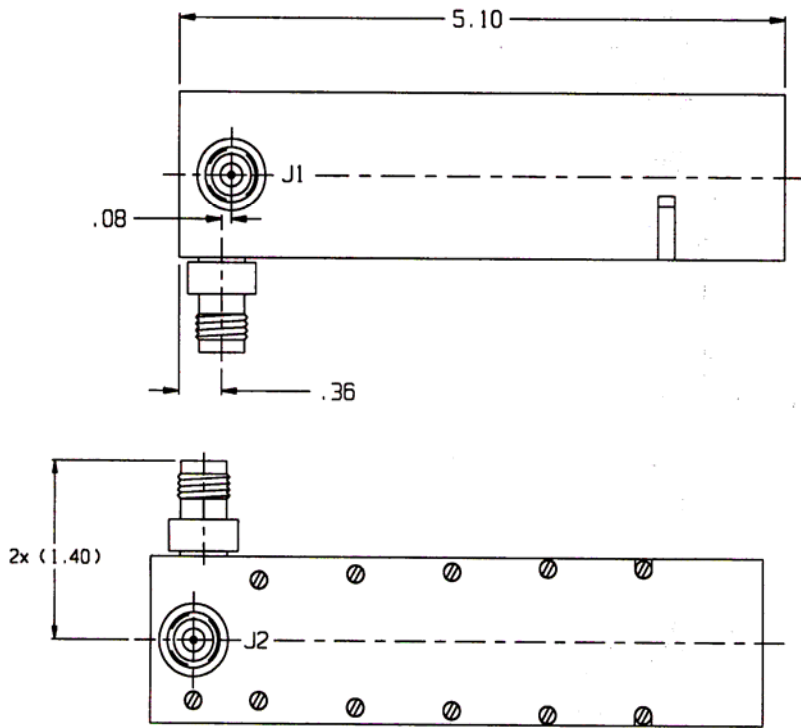


# DUAL-POLARIZED HORN ANTENNAS C390-205

**DATA  
SHEET  
No. T161**

## DESCRIPTION

MEC's model C390-205 is a 3:1 bandwidth broadband quad-ridge horn antenna operating from 6 to 18 GHz. The antenna which has dual-orthogonal input ports provides polarization diversity. The inputs are TNC female connectors. The antenna is capable of handling 200 Watts CW input power and 1 KW pulse.



## SPECIFICATIONS:

<b>Frequency</b>	7.5 – 18 GHz
<b>Gain</b>	6 – 14 dBil
<b>3-dB Beamwidth</b>	80° - 30° E-plane
	74° - 38° H-plane
<b>Polarization</b>	Dual linear vertical / horizontal, or both
	Circular polarizable available with additional hybrid
<b>VSWR</b>	2.0:1 max.
<b>Port-to-Port Amplitude Tracking</b>	±0.5 dB
<b>Port-to-Port Phase Tracking</b>	±5°
<b>Power Handling (per input)</b>	200 Watts CW; 1 KW pulse, 20% duty cycle
<b>Input Connectors</b>	TNC female
<b>Size</b>	1.3"x1.3"x5" (WxHxL)