

## VBC-780

Wideband Communications  
Antenna

This is a broadband biconical-type antenna that operates from 700 MHz to 8000 MHz. The VBC-780 is capable of transmitting up to 100 Watts CW over the complete band. The antenna comes equipped with multiple mounting options, including a threaded fixed mount, a magnetic mount or a mount that conforms to CECOM drawing A3207505.



VBC-780 (default)      Black  
VBC-780-T            CARC Tan  
VBC-780-G            CARC Green

### SPECIFICATIONS:

<b>Gain</b>	-1 to +3 dBi
<b>Frequency</b>	700 MHz to 8 GHz
<b>Polarization</b>	Linear, Vertical
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	2.5: 1 max; 2.0:1 nominal
<b>Pattern</b>	Omni in Azimuth
<b>Operating Temperature</b>	-40° to +71°C
<b>Storage Temperature</b>	-50° to +85°C
<b>Power Handling</b>	100 Watt CW
<b>Antenna Connector</b>	Type N Female
<b>Dimensions</b>	4" diameter x 6" height
<b>Weight (standard mounting)</b>	1 pound
<b>Mounting</b>	Fixed Thread Mount – Standard Magnetic Base – Optional A3207505 Base - Optional

### Antenna Research