

## **JAMMING PRODUCTS**

### **VBC-822-102**

The **VBC-822-102** is a broadband dipole array designed to work from 800 MHz to 2500 MHz. The antenna exhibits exceptional gain in an omni-directional pattern. It is designed with compliance to the strictest military specifications. The antenna is mounted in a sealed dielectric radome to offer mechanical stability and isolation from environmental hazards.

The VBC-822-102 will handle 100W CW power. This antenna also offers low VSWR for the entire band. The VBC-822-102 comes with a tilt base and magnetic mount for rapid installation on a variety of vehicles. The antenna is also available with a variety of bolt-on bases.

#### **SPECIFICATIONS:**

<b>Frequency</b>	800 to 2500 MHz
<b>Polarization</b>	Linear Vertical
<b>Gain</b>	3 dBi nominal
<b>Impedance</b>	50 Ohms nominal
<b>VSWR</b>	2.5:1 max; 1.8:1 average
<b>Pattern</b>	Omni in Azimuth
<b>Operating Temperature</b>	-20° to +70°C
<b>Storage Temperature</b>	-30° to +85°C
<b>Power Handling</b>	100 W CW; 250 W Peak
<b>Antenna Connector</b>	N Female
<b>Dimensions</b>	1.75" diameter x 17.5" height
<b>Weight</b>	5 lbs with magnetic mount
<b>Mounting</b>	+/-15 degree Tilt base and Magnetic mount standard NATO mount optional



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