

## VBC-118

This is a broadband bicone antenna that is ideal for tactical and field communications applications. The VBC-118 covers the 1 to 18 GHz band and handles 50 W of CW power. These are extremely durable antennas that can be deployed many times in harsh environments. The flat black or white finish is suitable for use in environments found around the world.

The antenna can be supplied with an optional magnetic mount.



### SPECIFICATIONS:

<b>Gain</b>	-1 to +3 dBi
<b>Frequency</b>	1 to 18 GHz
<b>Polarization</b>	Linear Vertical
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	3.0: 1 max; 2.0:1 nominal
<b>Pattern</b>	Omni in Azimuth
<b>Operating Temperature</b>	-30° to +70°C
<b>Storage Temperature</b>	-50° to +85°C
<b>Power Handling</b>	50 Watt CW; 100 W Peak
<b>Antenna Connector</b>	SMA Male
<b>Dimensions</b>	4" diameter x 6.5" height
<b>Weight (standard mounting)</b>	2 pounds
<b>Mounting</b>	Standard four ¼-20 tap holes on 3.5 inch dia Optional Magnetic base; 4.5" diameter