



WIDEBAND PRODUCTS DIVISION

COMMUNICATION ANTENNAS

VBC-822-M-1

This is a broadband dipole antenna that is ideal for tactical and field communications applications. The VBC-822-M-1 covers the 800 to 2500 MHz band and handles 85W of power. These are extremely durable antennas that can be deployed many times in harsh environments. The flat black finish is suitable for use in environments found around the world. The antenna is supplied with a magnetic mount and a 12 foot low loss coaxial cable with TNC male connectors.



SPECIFICATIONS:

Gain	1 dBi nominal
Frequency	800 to 2500 MHz
Polarization	Linear Vertical
Impedance	50 Ohms
VSWR	2.0:1 nominal
Pattern	Omni in Azimuth; 25 deg beamwidth in Elevation
Operating Temperature	-30° to +70°C
Storage Temperature	-50° to +85°C
Power Handling	85 Watt CW; 250 W Peak
Antenna Connectors	TNC Male
Dimensions	1.75" diameter x 6.65" height
Weight including cable	1.5 pounds
Mounting	Magnetic base; 3.2" diameter

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