



WIDEBAND PRODUCTS DIVISION

COMMUNICATION ANTENNAS

VBC-1758-M

This is a broadband dipole antenna that is ideal for tactical and field communications applications. The VBC-1758-M covers the 1700 to 5800 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 type N-Female connector. Other input options include TNC male connector on 12 foot low loss cable.



SPECIFICATIONS:

Gain	1 dBi nominal
Frequency	1700 to 5800 MHz
Polarization	Linear Vertical
Impedance	50 Ohms
VSWR	2.5:1 nominal
Pattern	Omni in Azimuth; 25 deg beamwidth in Elevation
Operating Temperature	-30° to +70°C
Storage Temperature	-50° to +85°C
Power Handling	65 Watt CW; 125 W Peak
Antenna Connectors	N Female
Dimensions	1.75" diameter x 4.6" height
Mounting	Magnetic base; 3.2" diameter

Antenna Research

12201 Indian Creek Court
Beltsville, MD 20705

Phone: 301-937-8888
Fax: 301-937-2796

www.ara-inc.com