

## Mobile Omni-directional UHF Antennas

The RMB500-1500 and RMB1000-3000 are mobile, omni-directional antennas for general tactical mobile communications, data networks, remote control, surveillance and jamming applications.

Encased in a high strength fiberglass sleeve, RMB Antennas are robust, impact resistant, waterproof, and able to withstand the rigorous demands of harsh military environments.

Being a bi-conical design, the RMB Antennas are ground plane independent and therefore ideal on platforms where limited or no ground plane is available.

The mounting base is ground isolated for use on platforms where electrical isolation is necessary, but may be grounded if required.

### **RMB500-1500**

Frequency Range  
Input Impedance  
Input Power  
VSWR  
Gain  
Pattern  
Polarization  
Input Connector  
Length  
Weight  
Environmental

500MHz-1.5GHz  
50 Ohm  
100 Watts  
< 2.5:1  
+2dBi  
Omni-directional  
Vertical  
N Female  
0.7 Meter  
2.6Kg  
MIL-STD-810F



### **RMB1000-3000**

Frequency Range  
Input Impedance  
Input Power  
VSWR  
Gain  
Pattern  
Polarization  
Input Connector  
Length  
Weight  
Environmental

1GHz-3GHz  
50 Ohm  
100 Watts  
< 2.5:1  
+1-2dBi  
Omni-directional  
Vertical  
N Female  
0.5 Meter  
2.1Kg  
MIL-STD-810F