



## COMMUNICATION ANTENNAS

### CMP-727-NMO-2

This is a broadband, ground-plane dependent antenna is ideal for tactical and field communications applications. The CMP-727-NMO covers the 700 to 3000 MHz band and handles 85W of power. The flat black finish is suitable for use in low profile and covert applications around the world. The antenna is equipped with a standard NMO mount interface, a high frequency NMO mount (ARA-NMO-2) and 12 feet of low loss coaxial cable (CB-727).



#### SPECIFICATIONS:

<b>Gain</b>	1 dBi nominal
<b>Frequency</b>	700 to 3000 MHz
<b>Polarization</b>	Linear Vertical
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	2.0:1 nominal
<b>Pattern</b>	Omni in Azimuth; 25 deg beamwidth in Elevation
<b>Operating Temperature</b>	-30° to +70°C
<b>Storage Temperature</b>	-50° to +85°C
<b>Power Handling</b>	85 Watt CW; 250 W Peak
<b>Antenna and Cable Connectors</b>	NMO and TNC Male
<b>Dimensions including mount</b>	1.75" diameter x 4.0" height
<b>Mounting</b>	Magnetic base; 2.4" diameter

#### Antenna Research

12201 Indian Creek Court  
Beltsville, MD 20705

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

[www.ara-inc.com](http://www.ara-inc.com)