



## WIDEBAND PRODUCTS DIVISION

### EMC and SURVEILLANCE ANTENNAS

#### ADC-2300-20

This dual band cross dipole antenna is ideal for EMC testing as well as military and security surveillance applications. With broadband 90 degree hybrids these antennas provide full azimuth coverage with horizontal polarization. These are extremely durable antennas that can be used many times by in harsh outdoor environments. Antennas are available in White, Desert Tan, and OD Green. Available with T-15 pipe mount.



#### SPECIFICATIONS:

<b>Frequency</b>	Low Band: 20 to 1000 MHz High Band: 1000 to 3000 MHz
<b>Polarization</b>	Horizontal
<b>Gain</b>	Low Band: -8 to -2 dBi, 250 to 1000MHz High Band: -4 to +0 dBi
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	2.0:1 typical
<b>Pattern</b>	Omni-Directional in Azimuth
<b>Operating Temperature</b>	-45° to +50°C
<b>Storage Temperature</b>	-55° to +100°C
<b>Power Handling</b>	10 W CW
<b>Antenna Connectors</b>	Two N-type Female
<b>Extended Dimensions</b>	13" x 13" x 18.5" tall
<b>Mounting</b>	¼-20 Tapped holes or 1.5" OD pipe
<b>Weight</b>	12 pounds

#### 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)