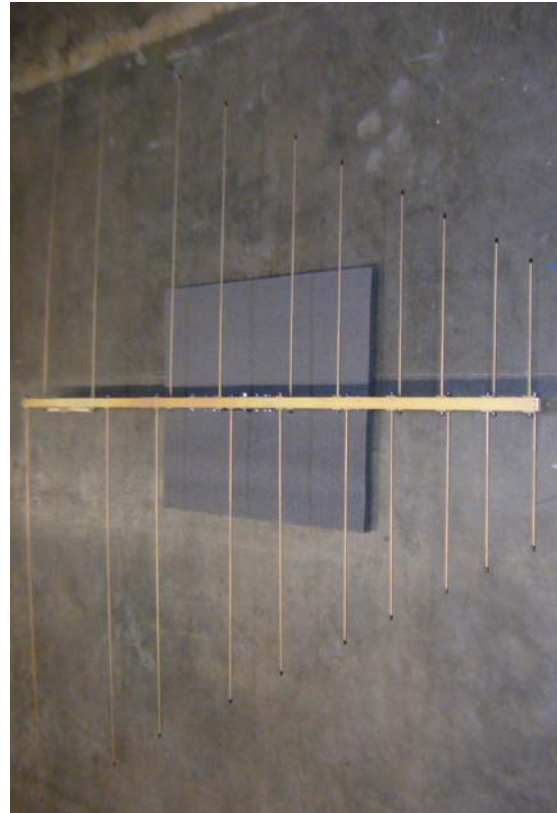




## COMMUNICATION ANTENNAS

### LPD-3100-A

This is a lightweight, medium gain Log-Periodic antenna that is ideal for test and field communications applications. These are extremely durable antennas that can be deployed many times in harsh environments. The antenna has a high front-to-back ratio well above 18 dB. The antenna assembly breaks down into a main boom and detachable elements. The center mast mount allows for H or V polarization. Calibration for field strength is an available option.



#### SPECIFICATIONS:

<b>Gain</b>	6 dBi
<b>Frequency</b>	30 to 1000 MHz
<b>Polarization</b>	Linear Horizontal or Vertical
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	2.0:1 nominal
<b>Beamwidth (nominal)</b>	75 deg E-plane x 120 deg H-plane
<b>Operating Temperature</b>	-30° to +70°C
<b>Storage Temperature</b>	-47° to +85°C
<b>Power Handling</b>	300 Watt CW
<b>Antenna Connectors</b>	N-type Female
<b>Mount</b>	Center mount for optional 3" diameter mast
<b>Extended Dimensions</b>	204" long x 198" wide
<b>Weight</b>	85 lbs. /39 kg