



**LPD-830-105**  
 Ultra Lightweight, Handheld  
 800 – 3000 MHz Directional Antenna

**LPD-830-105**

The **LPD-830-105** is an 800 to 3000 MHz, high-power, compact Log- Periodic antenna that is ideal for tactical and field communications applications. These extremely durable antennas have been tested and comply with MIL-STD-810 environmental requirements. The matte black finish is suitable for use in environments found around the world and the standard antenna comes equipped with ¼-20 threaded hole for a tripod mounting. The **LPD-830-105A** model is provided with a detachable pistol grip for reduced storage volume. The detachable grip uses the ARA Connect interconnect.



**SPECIFICATIONS:**

<b>Gain</b>	5 dBi Typical
<b>Frequency</b>	690 to 3000 MHz
<b>Polarization</b>	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 +50°C
<b>Storage Temperature</b>	-47° to +85°C
<b>Power Handling</b>	100 Watt CW
<b>Antenna Connectors</b>	TNC Female
<b>Mount</b>	LPD-830-105: ¼-20 thread LPD-830-105A: Detachable Pistol Grip
<b>Weight</b>	1 pound
<b>Dimensions</b>	13.8 x 11.3 x 1.1 with Pistol Grip 9.5 x 9.5 x .85 without Pistol Grip

**Antenna Research**