



**LPD-3100-C2756**

This is a foldable Log-Periodic antenna and mast system that is ideal for tactical and field communications applications. These are extremely durable antennas that can be deployed many times by military troops in harsh environments. The olive green and black finish is suitable for use in environments found around the world. The complete assembly breaks into three main parts with tethered elements that detach to fold down. The antenna is supplied in two nylon storage bags. An optional manual winch mast can be supplied in a third canvas bag along with a 100-foot long low loss armored coaxial cable. This antenna operates at reduced performance down to 20 MHz.

**SPECIFICATIONS:**

<b>Gain</b>	6 dBi
<b>Frequency</b>	30 to 1000 MHz
<b>Polarization</b>	Linear Vertical
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	2.0:1 typical
<b>Extended Frequency Performance Gain, Front/Back, VSWR</b>	30 MHz: 5 dBi, 8.6 dB, 2.0:1 27 MHz: 4 dBi, 4.5 dB, 2.0:1 25 MHz: 3.1 dBi, 2.5 dB, 4.0:1 22 MHz: -15 dBi, 1 dB, >10:1 20 MHz: -20 dBi, 0 dB, >10:1
<b>Beamwidth (nominal)</b>	75 deg E-plane; 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>Storage</b>	Two Nylon bags
<b>Extended Dimensions</b>	17ft x 16.5 ft
<b>Collapsed Dimensions</b>	2 bags; 12" diameter x 96"
<b>Weight</b>	85 lb/39 kg



**LPD-3100-C2756: LPD-3100 Tactical Antenna on Mast with Guy Straps**