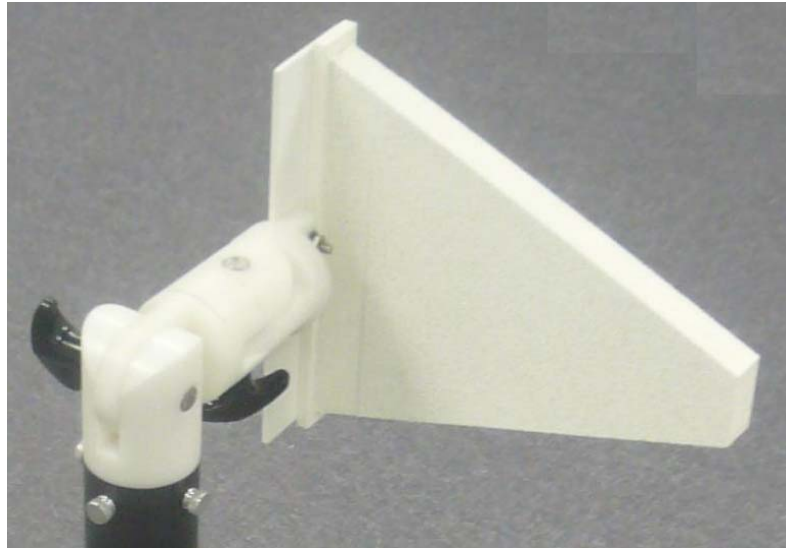


## LPD-118

The **LPD-118** is a small Log-Periodic antenna that is ideal for tactical and field communications applications. These are extremely durable antennas that can be deployed many times in harsh environments. The complete assembly has one main circuit board with elements that are enclosed with a closed cell low loss foam radome. The antenna is shown with an optional universal joint and mast.



### SPECIFICATIONS:

<b>Frequency</b>	1 to 18 GHz
<b>Gain</b>	7 dBi nominal
<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>	5 W CW; 25 W Peak
<b>Antenna Connectors</b>	SMA Female
<b>Dimensions</b>	8" x 9" x 1"
<b>Mounting</b>	Two #10-32 tap holes 5.85: apart

#### Antenna Research