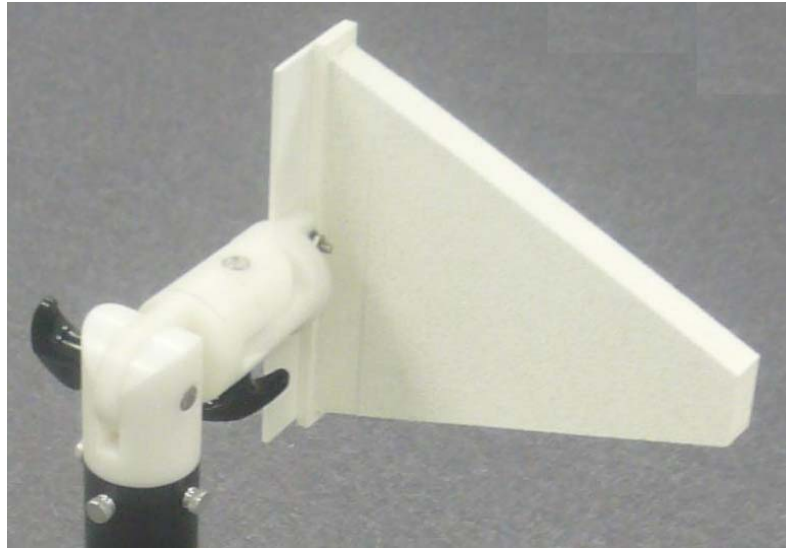


**LPD-118-A**  
**LPD-118-AN**

The **LPD-118-A** is a high frequency Log-Periodic antenna that is ideal for laboratory test and field communications applications. The antenna can be used alone or as a feed for a reflector antenna. The antenna has a low loss dielectric radome and an SMA-F connector.

The model **LPD-118-AN** has a precision type N-F connector. Options include OD Green paint, and a mast and tripod with EI and Az adjustment.



**SPECIFICATIONS:**

<b>Gain</b>	7.0 dBi nominal
<b>Frequency</b>	1to 18 GHz
<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 110 deg H-plane
<b>Operating Temperature</b>	-30° to +70°C
<b>Storage Temperature</b>	-40° to +85°C
<b>Power Handling</b>	5 Watt CW at 18 GHz 20 Watt CW at 12 GHz
<b>Antenna Connectors</b>	Standard: SMA-type Female Optional: Type N-F (LPD-118-AN)
<b>Weight</b>	1 lb.
<b>Dimensions</b>	8" x 9.5"

**Antenna Research**