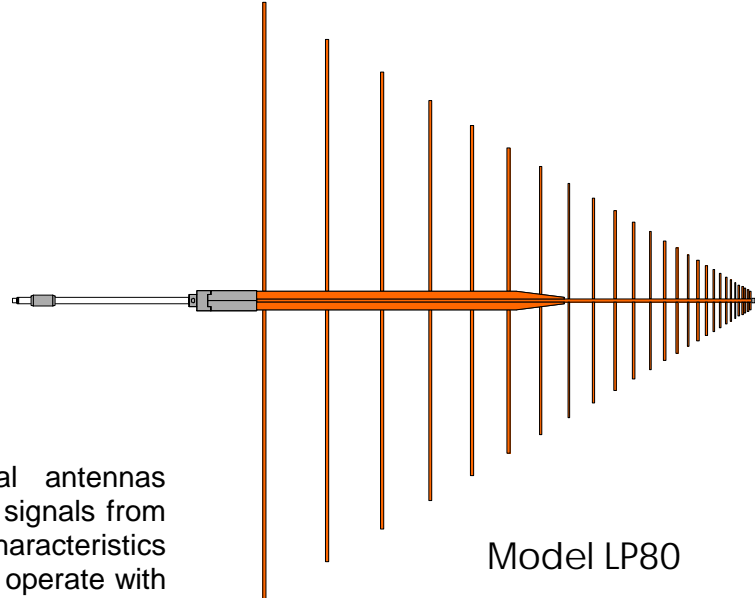


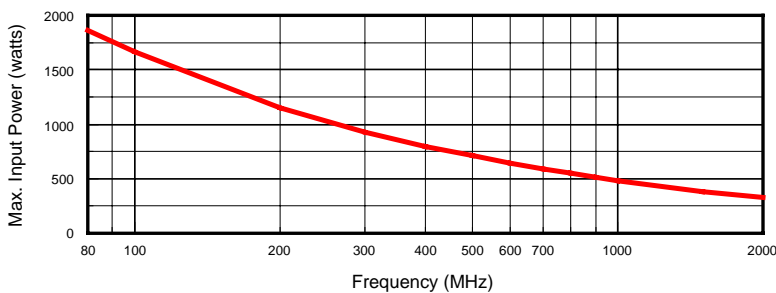
## Specifications, LP80 & LP100

Frequency range:	80, 100 MHz – 2 GHz
Gain:	6 dBi typical
Impedance:	50 ohms nominal
VSWR:	< 2:1
Connector:	Type N female
Polarization:	Linear
Max input power:	See curve below
LP80 dimensions:	94" Lg x 75" Wd
LP100 dimensions:	82" Lg x 60" Wd
Weight:	21, 15 lbs.
Mounting Tube:	22 mm stainless steel
Finish:	Sunol powdercoat



**Models LP80 & LP100** are directional antennas designed for transmitting and receiving RF signals from 80 or 100 MHz to 2 GHz. The broadband characteristics of the log-periodic structure enable them to operate with a nearly constant gain and radiation pattern over the entire frequency range.

Innovative design and manufacturing techniques result in long-lasting strength and performance. The antenna booms are made from a custom aluminum extrusion that reduces the number of mechanical RF junctions. Dipole elements are attached to the boom by a technique that maintains excellent electrical characteristics for the life of the antenna. A tough powdercoat finish with UV inhibitors seals the aluminum structure and protects it from sunlight and moisture.



The LP80 & LP100 have a rear mounting tube that allows polarization adjustments without changing the antenna height. This minimizes the effect of the RF cable by keeping it well behind the antenna elements. The SNAP! mount provides a secure interface to antenna positioning masts. It locks the antenna in place and prevents unwanted rotation during polarization changes.

### Options

- Individual calibration
- SNAP mount
- Tripod
- Center Mount (reduces overall length)

### Applications

- EMC Radiated Immunity
- EMC Radiated Emissions
- Signal monitoring and detection

