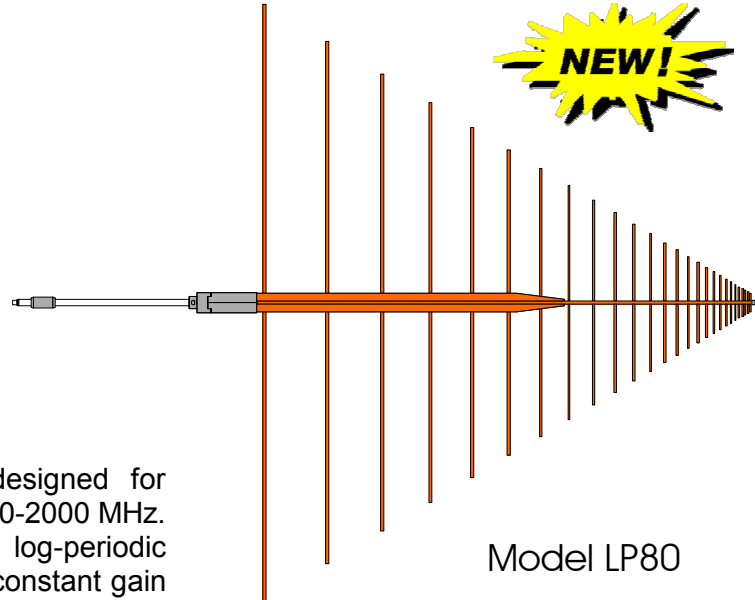


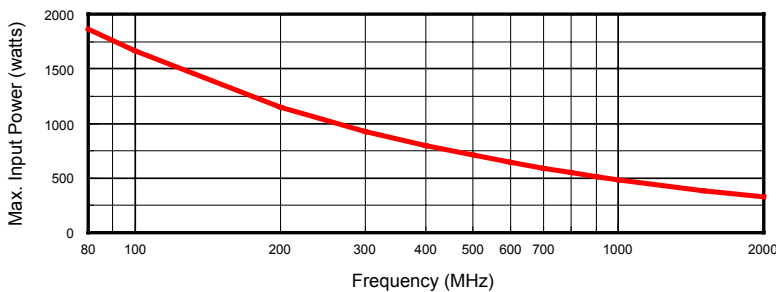
## Specifications, Model LP80

Frequency range:	80 – 2000 MHz
Gain:	6 dBi typical
Impedance:	50 ohms nominal
VSWR:	< 2:1
Connector:	Type N female
Polarization:	Linear
Input power:	See curve below
Length:	94 in. (239 cm)
Width:	75 in. (191 cm)
Weight:	21 lbs. (10 kg)
Mounting Tube:	22 mm stainless steel
Finish:	Sunol powdercoat



**Model LP80** is a directional antenna designed for transmitting and receiving RF signals from 80-2000 MHz. The broadband characteristics of the log-periodic structure enable it 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 boom is 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 has a rear mounting tube that allows polarization adjustments without changing the antenna height. This also 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 towers. It locks the antenna in place and prevents unwanted rotation during polarization changes.

### Options

- Individual calibration
- SNAP mount
- Tripod

### Applications

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

