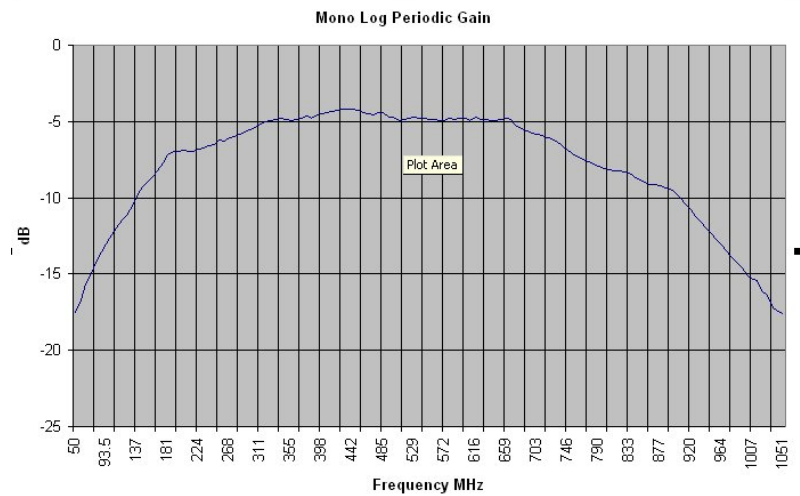




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Mono Log Periodic Antenna Model MLP-100



The MLP-100 is a small light weight, zero-gain, wide band, log periodic antenna. It is manufactured on FR4 0.125" fiberglass board and has a useful frequency range of 50 MHz to 1050 MHz for linearly polarized radio waves. The antenna has a BNC connector and is intended for portable wide band use. Because of its monopole construction, it is half the height of a typical log periodic antenna and therefore much smaller than normally required to cover the lower frequencies. It requires a ground plane and would normally be placed, on the hood or roof of a vehicle to be used for receiving, or transmitting test signals to calibrate DF systems.

Frequency Range:	50 MHz to 1050 MHz	Impedance:	50 Ohms, nominal
Radiation Pattern:	Unidirectional	RF fitting	BNC
Polarization:	Vertical	Size	24" high 36" long
Front-to-Side Ratio:	10 to 2 dB		
Front-to-Back Ratio:	10 to 28 dB		
Power Gain:			
300 to 700 MHz	- 5 dBi	Cost	\$1,800
50 to 1050 MHz	-18 dBi	Date	March 2007