

# LPA-0618

## Log Periodic Antenna

### Description

The LPA-0618 is a 600 MHz to 18000 MHz log periodic antenna designed for cellular, PCS, LTE, 4G LTE and Wifi / WiMAX bands. Additionally, covering L/S/C/X/Ku with flat 6 dBi of gain. This handheld antenna is equipped with a high strength, low-loss plastic molded radome and rotating pistol grip. The switchable vertical and horizontal log periodic antenna is designed for direction finding systems and ultra-wideband spectrum monitoring.



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Antenna

### Specifications

#### Electrical

Frequency Band	600 – 18000 MHz
VSWR	< 3.0 : 1
Polarization	Vertical or Horizontal, Linear
Gain	6 dBi
Power	10 Watts CW
Ground Plane	Ground Plane Independent
Connector	Type N Female

#### Mechanical

Weight	< 1 lbs (.45 kg)
Dimensions	7.5" Height x 5.5" Diameter (14.5 cm x 6.6 cm)
Mounting	Handheld Pistol Grip (Standard) ¼-20 Threaded Mount
Finish	PMS 442 (Light Grey) FED-STD-595 37030 (Black) FED-STD-595 34094 (Green 383) FED-STD-595 33446 (Tan 686A)
Temperature	MIL-STD-810G, Test Method 501.5/502.5 -55° C to +85° C