

# LPA-0618

## Log Periodic Antenna

### DESCRIPTION

The LPA-0618 is a log periodic antenna operating within frequencies from 600 to 18000 MHz.

Designed for cellular, PCS, LTE, 4G LTE and Wifi / WiMAX bands, this handheld antenna covers L/S/C/X with flat 6 dBi of gain.

The switchable vertical and horizontal log periodic antenna is equipped with a high strength, low-loss plastic molded radome and rotating pistol grip.

The LPA-0618 is ideal for direction finding systems and ultra-wideband spectrum monitoring.



*Log Periodic Antenna*

### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	600 MHz to 18000 MHz
VSWR	< 3.0 : 1
Polarization	Vertical or Horizontal, Linear Slant, Linear at 45°
Gain	+6 dBi
Power	10 Watts CW
Ground Plane	Ground Plane Independent
Connector	Type N Female

#### ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Operational Temp.	-67°F to +185°F (-55°C to +85°C)

#### MECHANICAL

Weight	< 1 lbs (< 0.45 kg)
Dimensions	5.5" Dia. x 7.5" H (13.5 cm Dia. x 19 cm H)
Mounting	Handheld Pistol Grip ¼-20 Threaded Mount
Finish (Default)	FED-STD-595 37030 (Black)

#### MODEL NUMBERS

Light Gray Color	LPA-0618-LG
Tan 686A Color	LPA-0618-T

#### RELATED PRODUCTS

600 MHz to 9 GHz	LPA-069
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