

# Low-Profile Antenna, 1850 – 1990 MHz



Model: LP-1850-1990

## Features and Benefits

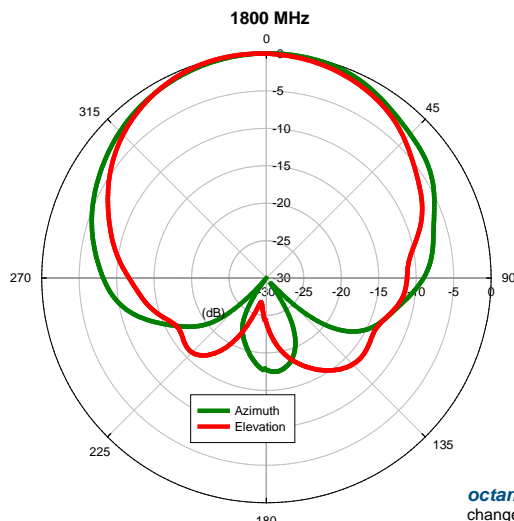
- Wide Hemispherical Pattern
- Low-Profile
  - Aerodynamic
- Lightweight
- Highly Efficient
- Good VSWR over designed bands
- Independent of mounting surface

Pharad offers a highly efficient, low-profile antenna operating in L-band. This low profile antenna features good VSWR (Voltage Standing Wave Ratio) over the designed bands. It also provides wide hemispherical coverage and maintains performance independent of the mounting surface. Mounting the antenna to a small metallic or composite surface is easily accomplished with standard fasteners. These small, hockey puck shaped antennas are less than 1.1" height and 3.5" in diameter; minimizing the impact on platform aerodynamics. Applications include UAV and vehicle communications.

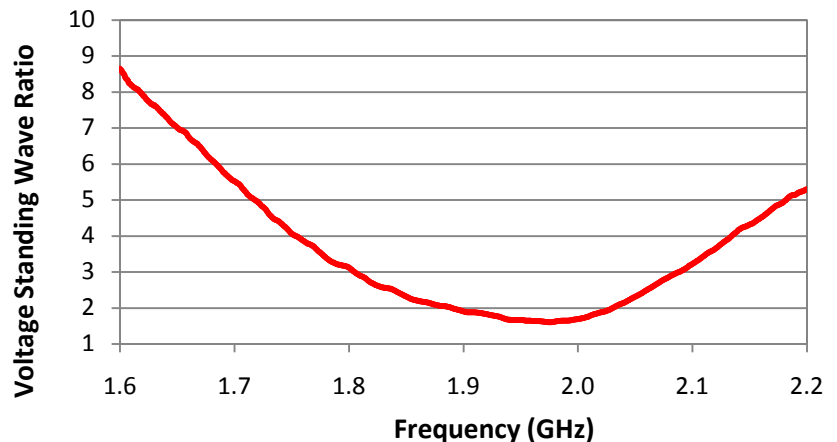
## Characteristics

<b>Part Number</b>	<b>LP-1850-1990</b>
<b>Frequency</b>	1850 – 1990 MHz
<b>Gain</b>	> 5 dBi
<b>VSWR</b>	2.5:1
<b>Maximum Power</b>	10 Watts
<b>Pattern</b>	Hemispherical
<b>Polarization</b>	Vertical
<b>Size (H × W)</b>	5.0" × 1.1"
<b>Weight</b>	4 oz
<b>Connector Type</b>	SMA

## Radiation Pattern: 1800 MHz



## VSWR



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797 Cromwell Park Drive, Suite V • Glen Burnie, MD 21061 • phone 410-590-3333 • info@octanewireless.com

[www.octanewireless.com](http://www.octanewireless.com)