

Low-Profile Antenna, 1500 – 2100 MHz



Model: LP-1500-2100

Features and Benefits

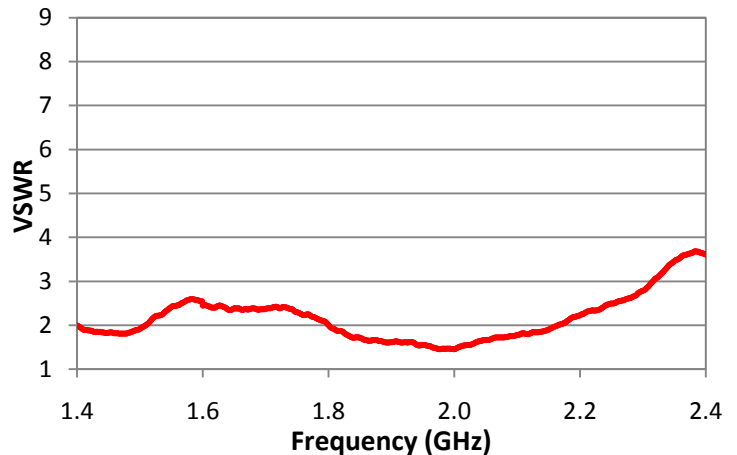
- Wide Hemispherical Pattern
- Low-Profile
 - Aerodynamic
- Lightweight
- Highly Efficient
- Good VSWR over designed bands
- Independent of mounting surface

Pharad offers a highly efficient, low-profile antenna operating in the L- and S-bands. 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.

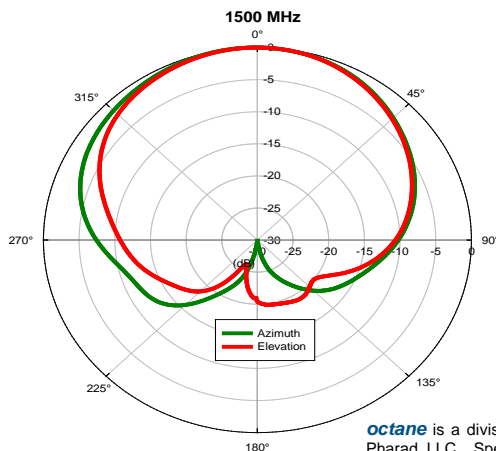
Characteristics

Part Number	LP-1500-2100
Frequency	1500 – 2100 MHz
Gain	3.6 dBi at 1900 MHz
VSWR	2.5:1
Maximum Power	10 Watts
Pattern	Hemispherical
Polarization	Vertical
Size (H × W)	5.0" × 1.1"
Weight	4 oz
Connector Type	SMA

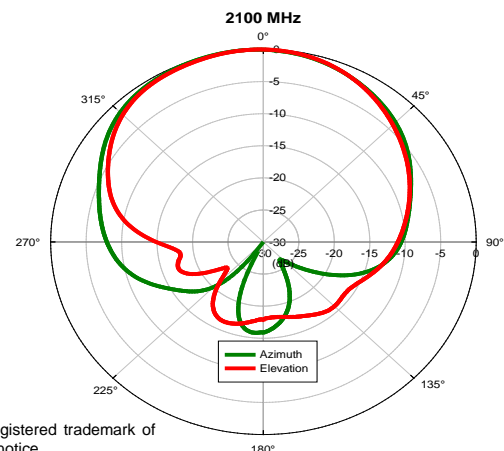
VSWR



Radiation Pattern: 1600 MHz



Radiation Pattern: 2100 MHz



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

www.octanewireless.com