

OnBoard Micro GPS Patch Antennas

ANPC-129

V4.00

Features:

- Ultra Miniature Size
- Solderable Thick Film Metalization
- Single Pin Output
- Embeddable On-Board

Description

Optimized specifically for GPS reception, this compact, simple radiating element delivers full performance.

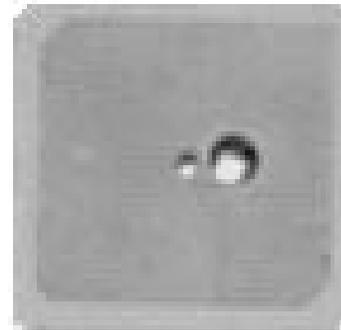
Stability over a wide range of temperatures makes the ANPC-129 OnBoard suitable for operation in any environment.

Integration is easy due to the single pin output which mounts directly to any circuit board, allowing design and assembly flexibility while minimizing costs.

The ANPC-129 OnBoard can also be customized to accommodate 'plug-in' and 'cable-type' interfaces. With consistently repeatable center frequency, gain, and VSWR, the ANPC-129 OnBoard sets the performance standard for handheld and vehicular applications.

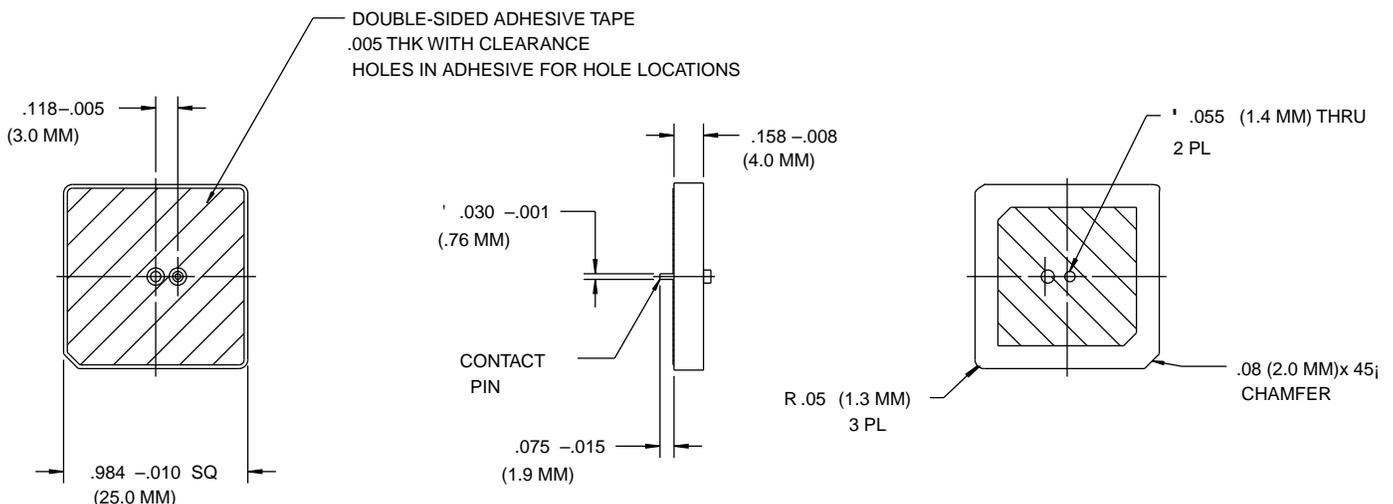
The antenna design provides for an optional DC short circuit.

OnBoard Micro GPS Patch Antenna Model ANPC-129



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Frequency:	1575 MHz \pm 2 MHz
Gain:	.75 dBic Typical @ Zenith
VSWR:	2.0:1 Max
Polarization:	Right Hand Circular
Temperature:	-40° C to +105° C



Specifications Subject to Change Without Notice.

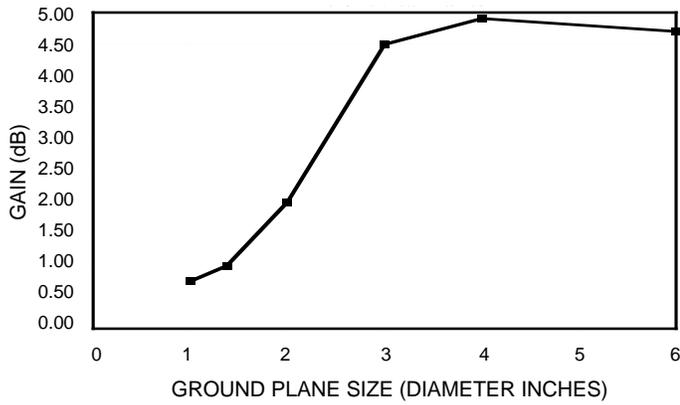
M/A-COM, Inc.

North America: Tel. (800) 366-2266
Fax (800) 618-8883

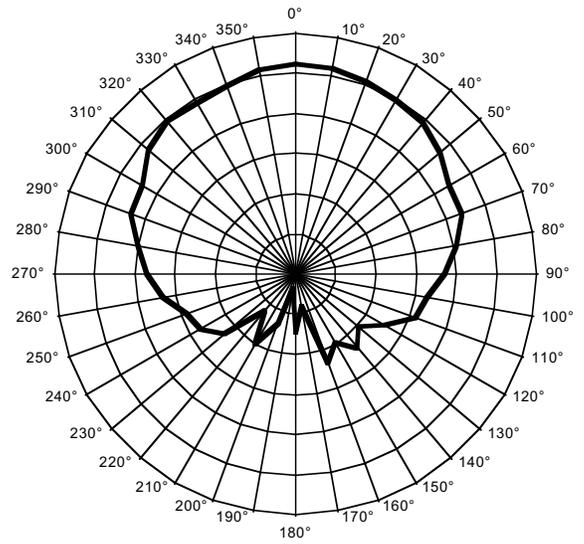
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ANTENNA ZENITH GAIN vs. GROUND PLANE SIZE
GPS MICRO PATCH ANTENNAS



Typical Antenna Pattern (10 dB/division)



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