

# QuickMount Micro GPS Patch Antennas

## ANPC-128, ANPC-131, ANPC-135

V3.00

### QuickMount Micro GPS Patch Antennas with mounting options

**Model ANPC-128 - Passive**

**Model ANPC-131 - Active**

**Model ANPC-135 - Active**

Our QuickMount Micro GPS Patch Antennas are compact, right hand circularly polarized units ideal for applications where small size and versatile mounting is a must.

The active ANPC-131 QuickMount combines all the features of our passive antenna with a low noise amplifier and filter. The design provides for DC transient protection on the input and output sides of the LNA circuit, eliminating the possibility of surge damage.

QuickMount's compact size fits any vehicular or portable receiver, and the LNA's low noise figure actually improves receiver performance. Strong satellite lock is achieved by the low signal-to-noise ratio and through rejection of out-of-band interference.

Temporary installation using the suction cup or magnetic mounts make these antennas excellent choices for fleet management, small aircraft, and marine navigation applications. Choice of connector type and cable length. Optional bracket mounts allow both fixed and temporary installations.

### Specifications for both Passive and Active Antennas

Frequency:	1575 MHz $\pm$ 2 MHz
Antenna Gain: *	.75 dBic Typical @ zenith
VSWR:	1.5:1 Max (Passive); 1.2:1 Typical 1.5:1 Max (Active)
Temperature:	-40° C to +95° C



### Additional Specifications for Active Antennas

Filtering:	-25.5 dB Typical @ $\pm$ 50 MHz (Model ANPC-131)
	-27.0 dB Typical @ $\pm$ 50 MHz (Model ANPC-135)
Noise Figure:	1.5 dB Max
Gain: *	26 dBic $\pm$ 2 dB (Model ANPC-131)
	33 dBic $\pm$ 2 dB (Model ANPC-135)
DC Power:	+5 VDC $\pm$ 0.5 VDC @ 30 mA Max
Voltage Protection:	Zener diode limited

### Connector Options

### Mounting Options

BNC: Male	Magnet Mount
SMB: Jack, Plug or Right Angle Female	No-Show Bracket
OSX: Male, Female or Right Angle Jack	Visible Bracket
TNC: Male or Female	Suction Cup
N: Male or Female	
SMA: Male or Female	

\*Note: Cable Loss of approximately .42 dB/ft. not included.

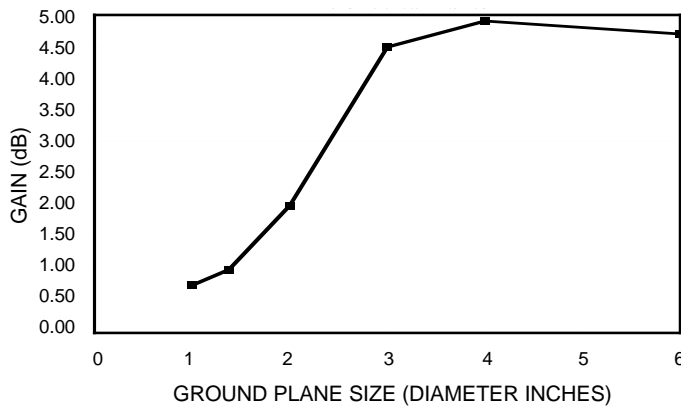
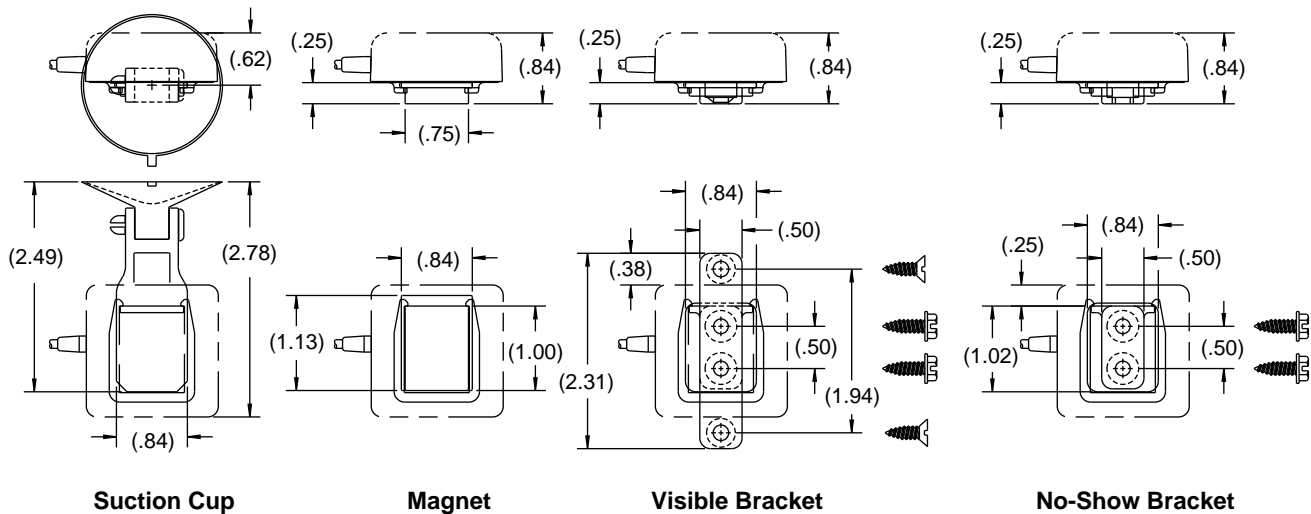
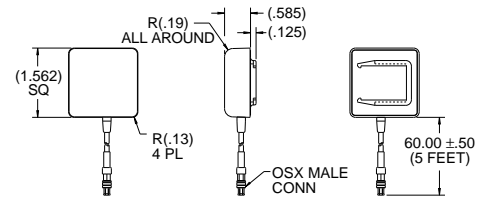
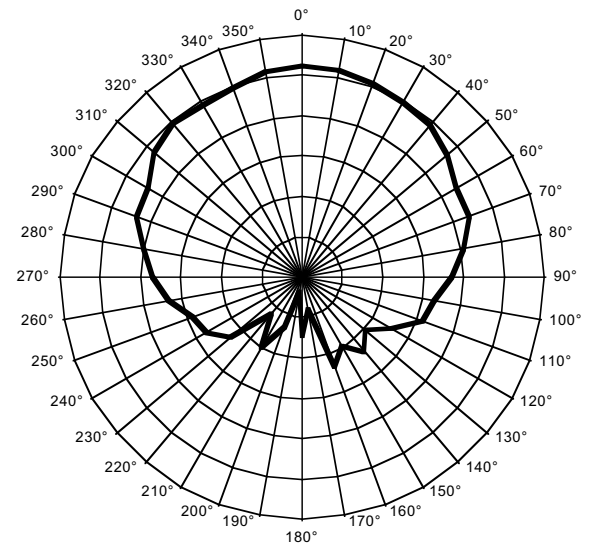
Specifications Subject to Change Without Notice.

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

**Typical Antenna Pattern (10 dB/division)**

**Mounting Options for QuickMount Micro GPS Patch Antennas**

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