

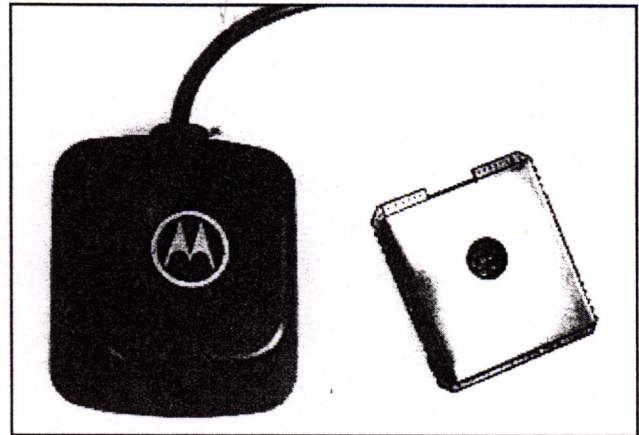
Revised: August 29, 1997

ONCORE™ Active GPS Antenna97

Introduction:

Motorola's newest GPS antenna is a high performance, compact size designed to accommodate a wide variety of OEM, system integrator and end user applications. The 24 dB (including 6 Meter coax cable) active patch, Antenna97 operates from 5 VDC at just 20 mA supplied by the ONCORE GPS receiver or an external source depending on the specific application. All Antenna97 configurations feature molded-in coaxial cable and offer a choice of coaxial connectors and two cable lengths. The antenna design reflects Motorola's high standard for performance when operating in foliage/urban canyon environments and in the presence of electromagnetic interference.

The small footprint, low profile package and the shielded LNA (low noise amplifier) offers significantly enhanced performance while operating in a variety of GPS environments. Magnetic and direct mount options make the antenna suitable for a number of different installation

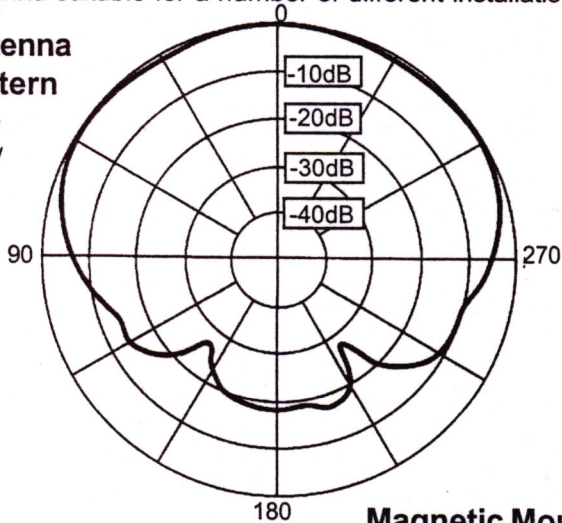


ONCORE™ Active GPS Antennas

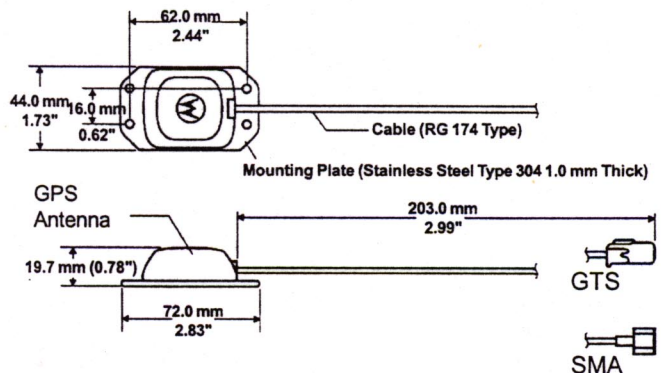
configurations. The OEM or system integrator can count on signal gain and noise figure performance over an ambient operating temperature range which leads the industry.

Antenna Pattern

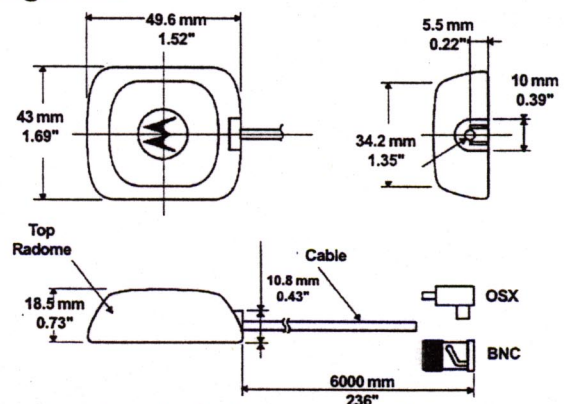
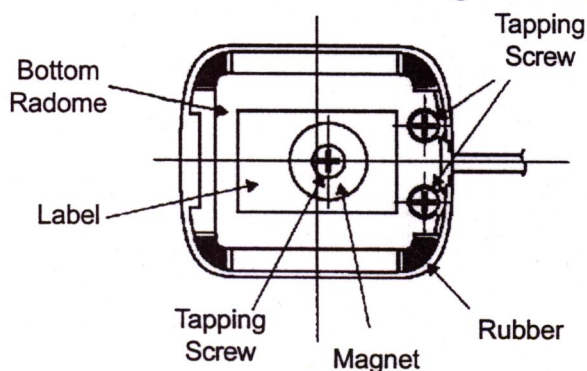
Side View



Direct Mount Configuration



Magnetic Mount Configuration



For configuration assistance, order placement and technical support call:

SYNERGY SYSTEMS, LLC
Working together for better results

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