

# C146 SERIES GPS ANTENNA

The C146 Series of antenna provide GPS reception at L1 and L2 frequencies and are suitable for a wide variety of applications.

The C146 antenna has been designed with broadband radiating elements and a quadrature feed network. The broadband elements allow the C146 Series to provide consistent coverage from L2 through L1 with regard for operating temperature. The quadrature feed network, beyond offering excellent circular polarization and minimum axial ratio, provide low phase ripple, excellent pattern uniformity and a stable phase center.

The C146 Series GPS Antennas are available in many different models, both airborne (both barometric and pressure), marine and land applications. The antennas are low profile (1.5 inches high) and are easily installed (5 inches or less diameter mounting base). An optional choke ring, the U305-1, is available and is suitable for direct interface

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