

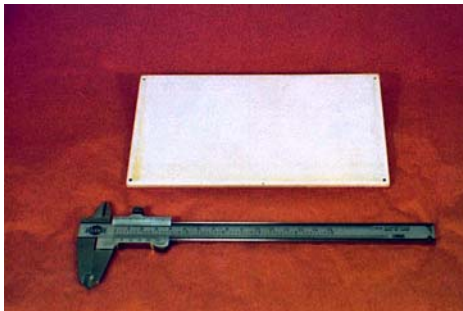


Antenna Development Corporation, Inc.
151 S. Walnut St. #B-6, Las Cruces, NM 88001

Antennas

Antenna Development Corporation, Inc. (*AntDevCo*) employees have designed and manufactured microstrip patch antennas for small spacecraft and launch vehicle programs while employed at the Physical Science Laboratory at New Mexico State University. We have now spun off from the University and offer these products commercially. These antennas can be specified to support high data rates and up to 10 Watts of transmitted power. Applications include GPS, USAF SGLS, NASA SN (Including TDRSS forward/return pairs), radar transponder, and the NASA DSN as well as telemetry, FTS, and GPS antennas for rockets and missiles. We specialize in antennas that are

- Space qualified
- Conformal form factor
- Low mass
- High Performance



Patch Antenna (4 X 8 inches)

Antenna Couplers

AntDevCo offers numerous types of antenna couplers (hats) for spacecraft and missile antennas. Contact us for custom designs



Antenna Couplers (Hats)

We have antenna couplers designs for single patch antennas, small helix antennas, and wraparound missile and spacecraft antenna.

Consulting and System Design

Contact *AntDevCo* for expert consulting and system design activities in electromagnetic systems and satellite ground station systems analysis. Our engineers have over 10 years of NASA Tracking and Data Relay Satellite System systems engineering experience. We also have over 40 years combined experience in RF and electromagnetic systems design and analysis in a University-based aerospace laboratory environment. Over the years we have developed detailed test programs and procedures for NASA and US Air Force programs.

- Antenna Radiation Pattern Test
- Antenna Vibration Test
- Antenna Thermal Test including Thermal Vacuum and Multipaction
- Automated antenna measurements

AntDevCo design and analysis expertise includes significant experience with many modern analysis tools including:

- Ansoft Designer
- Ansoft Ensemble
- NEC
- NEC-BSC
- AutoCAD and Inventor Solid Models
- MathCAD

Company quality records, detailed documentation, and final report generation activities use the standard support tools

- Project
- Word
- Excel

AntDevCo is ISO: 9001-2008 registered.

Come to us for expert help with your electromagnetic/RF project.

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