

## **VHF and UHF Omni-Directional Dipole Antennas**

TACO Antenna (a Division of Wade Antenna Inc.) manufactures a wide range of high quality, lightweight VHF/UHF Air Traffic Control Communication antennas. They are built for rugged and reliable communications supporting demanding long-term fixed applications for ATC requirements, Tactical Defense Land & Naval platforms. These Omni-directional antennas offer the ability to connect up to 4 radios to only 1 antenna thus eliminating the need to have 3 or 4 separate VHF/UHF antennas, freeing up valuable space on towers, ISO containers and tactical masts.

The D2000 Series (Military) VHF/UHF MULDIPOL™ antenna is a vertically polarized collinear array antenna, which is intended for use in ground-air-ground voice communications. The antenna dipoles are enclosed in a fiberglass radome cover for protection from harsh environments. They operate in either single or multiple element configurations, ranging in various frequencies from 108-470MHz.

The D5000 series (Commercial) VHF/UHF omni-directional arrays range from two element to three element configurations, ranging in various frequencies from 118-400 MHz. This series is currently used by many, including the Federal Aviation Administration (FAA) throughout the US.

### **VHF/UHF ADVANTAGES**

- Light, easy install
- 3 year warranty
- Gel Coat finished radome
- Ability to connect up to 4 radios
- Reduced footprint so you save on valuable tower space
- LED obstruction light and lightning rod for various models
- 30 dB minimum isolation between elements
- Low VSWR (typically under 2:1)
- Mil spec

For Tactical Land applications we have various VHF/UHF models available in two-piece configuration thus reducing the overall transportation length.

For anyone wanting to save space, time and money, the TACO MULDIPOL™ antennas are the one clear choice. Our products can be found on the GSA Advantage website, under contract #GS-35F-0020R.