**UVW-0430A**

**UHF Aerospace Blade Antenna**

**Description**

This UAV and vehicular qualified antenna is designed for ground-to-ground, ground-to-air, and air-to-ground communications systems. This antenna is optimized for the 400 – 6000 MHz applications with low drag operations. Other applications include SIGINT, ISR, and sensor systems.

**Specifications**

**Electrical**
- **Frequency Band**: 400 – 6000 MHz
- **VSWR**: < 3.0 : 1
- **Polarization**: Vertical, Linear
- **Gain**: -2 - +5 dBi (+75°)
- **Power**: 100 Watts CW
- **Ground Plane**: Ground Plane Independent
- **Connector**: TNC Female

**Mechanical**
- **Weight**: 9 oz
- **Dimensions**: 5.7” Height x 2” Wide x 4.5” Length
- **Mounting**: 1.75” Diameter Tube Quick Clamps (CLP-1547, Optional) Magnetic Mount (MM-1547, Optional)
- **Finish**: White Polyurethane Enamel
- **Shock**: RTCA/DO-160
- **Vibration**: RTCA/DO-160
- **Temperature Range**: -35°C to +65°C