

# 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)<br>Magnetic Mount (MM-1547, Optional) |
| Finish            | White Polyurethane Enamel   |
| Shock             | RTCA/DO-160   |
| Vibration         | RTCA/DO-160   |
| Temperature Range | -35°C to +65°C  |