UVW-0220

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 225 – 3000 MHz applications with low drag operations. Other applications include communications, SIGINT, ISR, and sensor systems.

Specifications

Electrical
- Frequency Band: 225 – 3000 MHz
- VSWR: < 3.0 : 1
- Polarization: Vertical, Linear
- Gain: -2 - +5 dBi (+75°)
- Power: 100 Watts CW
- Ground Plane: Ground Plane Dependent
- 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