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