

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