

UVW-0430

UHF Dipole Blade Antenna



DESCRIPTION

The UVW-0430 is an unmanned aerial vehicle- (UAV) and land vehicular-qualified blade antenna designed for ground-to-ground, ground-to-air, and air-to-ground communications systems.

This antenna is optimized for applications between 400 to 3000 MHz with low drag operations.

Applications include signal intelligence (SIGINT), intelligence, surveillance and reconnaissance (ISR), sensor systems, and communications.



UHF Aerospace Blade Antenna

This item is exclusively available through our distributors.

SPECIFICATIONS

ELECTRICAL

Frequency Band	400 MHz to 3000 MHz
VSWR	< 3.0 : 1
Polarization	Vertical, Linear
Gain	-2 dBi to +5 dBi (+75°)
Power	100 Watts CW
Ground Plane	Ground Plane Independent
Connector	TNC Female

MECHANICAL

Weight	9 oz (0.26 kg)
Dimensions	4.53" L x 2" W x 5.75" H (11.51 cm L x 5.11 cm W x 14.61 cm H)
Mounting	Available Upon Request
Finish (Default)	F63W12 White Polyurethane Enamel

ENVIRONMENTAL

Shock	RTCA/DO-160, Section 7, Cat A
Vibration	RTCA/DO-160, Section 8, Cat S
Operational Temp.	-31°F to +149°F (-35°C to +65°C)

MODEL NUMBERS

Clamp Mount	CLP-UVW
Magnetic Mount	MM-UVW