

UVW-0380A

VHF/UHF Aerospace Blade Antenna



DESCRIPTION

The UVW-0380A 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 20 to 1200 MHz with low drag operations.

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



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SPECIFICATIONS

ELECTRICAL

Frequency Band	20 MHz to 1200 MHz
VSWR	< 3.0 : 1 above 200 MHz
Polarization	Vertical, Linear
Gain	-35 dBi to +3 dBi
Power	100 Watts CW
Ground Plane	Ground Plane Independent
Connector	TNC Female

ENVIRONMENTAL

Shock	RTCA/DO-160, Section 7, Cat A
Vibration	RTCA/DO-160, Section 8, Cat S
Operational Temp.	-67°F to +158°F (-55°C to +70°C)

MECHANICAL

Weight	2.5 lbs (1.12 kg)
Dimensions	11.5" L x 3.4" W x 10.1" H (29.2 cm L x 8.7 cm W x 25.7 cm H)
Mounting	Available Upon Request
Finish (Default)	F63W12 White Polyurethane Enamel

MODEL NUMBERS

Black Color	UVW-0380A-B
Tan 686A Color	UVW-0380A-T
Green 383 Color	UVW-0380A-G
Clamp Mount	CLP-UVW
Magnetic Mount	MM-UVW