

# UVW-0380

## VHF/UHF Aerospace Blade Antenna



### DESCRIPTION

The Uvw-0380 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 30 to 800 MHz with low drag operations.

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



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*This item is exclusively available through our distributors.*

### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	30 MHz to 8000 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

#### MECHANICAL

Weight	3.2 lbs (1.44 kg)
Dimensions	13.5" L x 2.1" W x 10.2" H (34.3 cm L x 5.4 cm W x 26 cm H)
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.	-67°F to +158°F (-55°C to +70°C)