UVW-0430A
UHF Dipole Blade Antenna

DESCRIPTION
The UVW-0430A 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 6000 MHz with low drag operations.

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

SPECIFICATIONS
ELECTRICAL
Frequency Band 400 MHz to 6000 MHz
VSWR < 3.0 : 1
Polarization Vertical, Linear
Gain -2 dBi to +5 dBi
Power 100 Watts CW
Ground Plane Ground Plane Independent
Connector TNC Female

MECHANICAL
Weight 7 oz (0.2 kg)
Dimensions 4.29” L x 1.84” W x 5.72” 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
Black Color UVW-0430A-B
Tan 686A Color UVW-0430A-T
Green 383 Color UVW-0430A-G
Clamp Mount CLP-UVW
Magnetic Mount MM-UVW