UVW-0430B
UHF Dipole Blade Antenna

DESCRIPTION
The UVW-0430B 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.

The upgraded blade is capable of 5psi side loading, up 2.5 psi from its predecessor, the UVW-0430A.

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: 4.44” L x 1.99” W x 5.84” H
- Mounting: Available Upon Request
- Finish (Default): White, Unless Otherwise Specified

MODEL NUMBERS
- Black Color: UVW-0430B-B
- Tan 686A Color: UVW-0430B-T
- Green 383 Color: UVW-0430B-G