UVW-0380A
VHF/UHF Aerospace Blade Antenna

Description
This UAV and vehicular qualified antenna is designed for ground-to-ground, ground-to-air, and air-to-ground communications systems. This antenna is optimized for the 20 – 1200 MHz applications with low drag operations. Other applications include SIGINT, ISR, and sensor systems.

Specifications

Electrical
Frequency Band  
20 – 1200 MHz
VSWer  
< 3.0 : 1 above 200 MHz
Polarization  
Vertical, Linear
Gain  
-25 - +3 dBi
Power  
100 Watts CW
Ground Plane  
Ground Plane Independent
Connector  
TNC Female

Mechanical
Weight  
3.2 lbs
Dimensions  
10.1” Height x 2.1” Wide x 13.4” Length
Finish  
White Polyurethane Enamel
Shock  
RTCA/DO-160
Vibration  
RTCA/DO-160
Temperature Range  
-35°C to +65°C