



PRODUCT DESCRIPTION

Model Number	AT-256A/ARC
Part Number	M5815/1-01
NSN	5985-00-217-0457
Market	Military–Air

The AT-256A/ARC Antenna is used for airborne communications on various fixed-wing and rotary-wing aircraft. The antenna is produced to Military Specifications MIL-A-5815 and MIL-A-5815/1. The antenna is designed to operate at the extreme temperature range of -65° F to 257° F with intermittent operation at 302° F and can withstand a static load of 8 psi perpendicular to the blade, with an ultimate of 12 psi. The antenna is protected by an anodic coating to prevent corrosion and the outside surfaces will resist partial erosion up to Mach 0.95. The antenna's sealability is tested to an altitude of 70,000 ft.

PRODUCT SPECIFICATIONS

Application	Airborne Communications
Frequency	225–400 MHz
Impedance	50 Ohms Nominal
VSWR	2.0:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
Connector	“N” Female
Max Weight	2 lbs.
RF Power Capacity	50 Watts Maximum
Gain	-1 dBmp