



PRODUCT DESCRIPTION

Model Number	AT-640A/ARN
Part Number	65C-640
NSN	5985-00-607-6137
Market	Military–Air

The AT-640A/ARN Antenna is a receive-only VHF Marker Beacon antenna used on both fixed-wing and rotary-wing aircraft. The antenna will meet the requirements of Military Specification MIL-A-5999 for electrical and environmental performance. The antenna is finished with a white Skydrol resistant polyurethane paint in accordance with Military Specification MIL-C-81773. The antenna has an operating temperature of -40° F to 160° F and experiences a drag force of 0.22 lb at airspeeds of 400 mph. Precipitation static is minimized through the use of a foam-filled fiberglass construction. The foam also reduces the effects of vibration, shock, and temperature extremes.

PRODUCT SPECIFICATIONS

Application	Marker Beacon
Frequency	75 MHz
Impedance	50 Ohms Nominal
VSWR	1.5:1 Maximum
Pattern	Lobally Downward
Connector	“C” Female
Max Weight	1 lb.
RF Power Capacity	Receive Only
Gain	-10.5 dBd Minimum
Color	Gloss White