



## PRODUCT DESCRIPTION

Model Number	AT-884B/APX-44
Part Number	AT-884/SM-D-354603
NSN	5985-00-935-4975
Market	Military–Air

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The AT-884B/APX-44 Antenna is a Radar Interrogation antenna designed to receive vertically polarized signals at 1010–1030 MHz and radiate vertically polarized signals at 1010–1110 MHz. This antenna is constructed for capability of functioning during all normal maneuvers of the aircraft at all azimuth headings in respect to any radial to the interrogating radar location. The antenna is produced to the requirements of Military Specification MIL-T-55046. The antenna has an operating temperature range of -65° F to 130° F, an operating altitude of up to 30,000 ft, and is constructed to meet the environmental requirements of Military Specification MIL-E-5400. The antenna's outside surfaces are protected with a chemical resistant CARC green coating.

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## PRODUCT SPECIFICATIONS

Application	Radar Interrogation
Frequency	1010–1110 MHz
Impedance	50 Ohms Nominal
VSWR	1.4:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
Connector	“C” Female
Max Weight	0.75 lb.
RF Power Capacity	225 Watts
Color	CARC Green