



## PRODUCT DESCRIPTION

Model Number	AS-3808/ARC
Part Number	84D837-1076
NSN	5985-01-249-2247
Market	Military–Air

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The AS-3808/ARC Antenna is designed for high power airborne UHF Communications. The antenna is produced to Electrospace Systems Specification EM-A0051 which specifies environmental tests per MIL-STD-810, an operating altitude of 70,000 ft and operating velocity shall be Mach 1.1 maximum at sea level and Mach 1.7 maximum above 27,000 ft. The antenna is painted with Skydrol resistant urethane coating per MIL-C-83286, Color White No. 17925. The antenna is a one-piece blade to replace the AT-1076/ARC Antenna.

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## PRODUCT SPECIFICATIONS

Application	Airborne Communications
Frequency	225–400 MHz
Impedance	50 Ohms Nominal
VSWR	2.0:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
Connector	“HN” Female
Max Weight	1.0 lb
RF Power Capacity	1500 Watts Continuous
Gain	+3 to -1 dBi
Color	Gloss White