



Blade Antenna Datasheet



Maritime



Aerospace



Ground



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L-Band Blade Antenna

This L-Band antenna features omni-directional azimuth coverage, gain of a quarter wave monopole, vertical polarization, and low VSWR. It has been designed and qualified for use aboard new aircraft with signature control requirements. This antenna includes a single coaxial connector, a flat conductive base plate for easy installation, and an all metallic antenna design. The antenna is designed to withstand high aerodynamic loads. The antenna employs sealed construction and rain erosion antistatic coating.



Key Features and Specifications:

Low VSWR	High RF peak power
Anti-static coating	Sealed construction

Frequency Range	960 - 1220 MHz
VSWR	1.7:1 max over 960 - 1100 MHz 2:1 max over 1100 - 1220 MHz
Polarization	Vertical Linear
Gain (dBi)	3 dB Peak
RF Power	2.5 kW Peak and 50 Watts Average
Weight (lbs.)	0.5
Size (Inches)	5.25 x 1.75 x 3.3
Input	Type N Female
Environment	Military Airborne, Supersonic