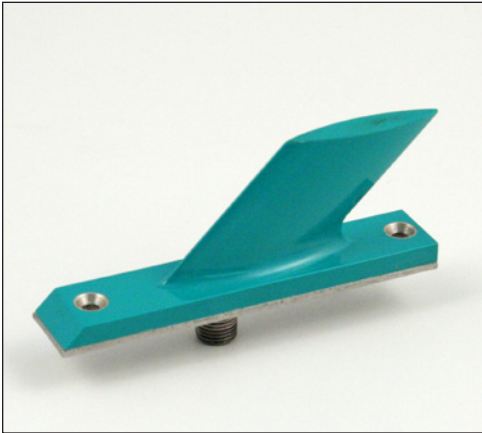


Airborne Blade Telemetry Antenna



Features

- Aerodynamic design
- Small compact common footprint
- Built to withstand extreme shock and vibration

Description

These antennas have been in use for over 20 years in airborne applications. With no-null coverage in both azimuth and elevation, they are well suited to high dynamic airborne environments. Blade antennas can also be used in ground applications such as racecars and other vehicles.

Common Specifications

Connector: SMA (50Ω) standard; TNC (50Ω) optional

Footprint: 3.0" X 0.56"

VSWR: 1.5:1/1.25:1 (max)

Impedance: 50 ohms

Temperature: -50°C to 150°C, 300°C transient

Polarization: Linear, predominantly vertical

Coverage:

Azimuth: Omni-directional

Elevation: Overhead null filled in

Required mounting screws: 82° flathead #4 standard; 100° flathead #4 or M3 optional

	FREQUENCY BAND
	Full S-Band
Frequency Range	2200 to 2400 MHz
Style	Straight
Height	1.19"
Weight	0.7 oz
Model	ANT-00500S-1
TTC #	950300700-001

Revision 05/07/2015

ANT-00500S-1 Datasheet

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Specifications subject to change without notice.

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Management System
AS9100C
ISO 9001:2008