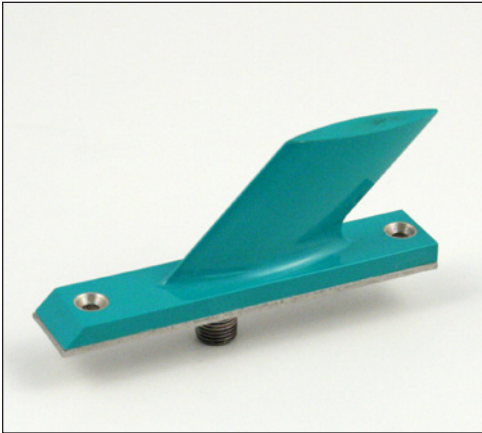


## Airborne Blade Telemetry Antenna



### 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

	<b>FREQUENCY BAND</b>
	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 05/26/2017

### ANT-00500S-1 Datasheet

©2017 Teletronics - A Curtiss-Wright Company

Specifications subject to change without notice.

Approved for Public Release 17-S-2425

Teletronics - A Curtiss-Wright Company

15 Terry Drive, Newtown, PA 18940

phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

**www.ttcdas.com**



Management System  
AS9100C  
ISO 9001:2008