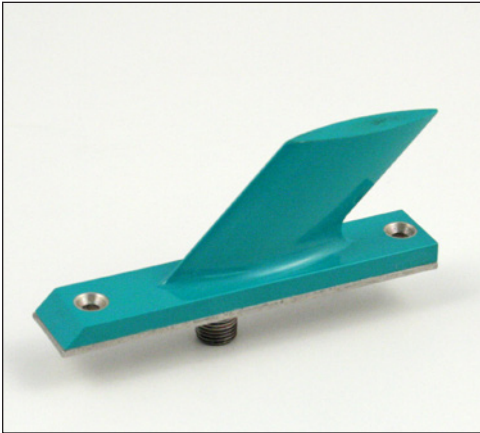


## Airborne Blade Telemetry Antennas



### 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 tanks.

### Common Specifications

**Connector:** SMA

**Footprint:** 3.0" X 0.56"

**VSWR:** 1.5 (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

	<b>FREQUENCY BAND</b>		
	Lower L-Band	Full S-Band	Full S-Band
Frequency Range	1430 to 1540 MHz	2200 to 2400 MHz	2200 to 2400 MHz
Style	Straight	Straight	Round
Height	1.54"	1.19"	1.19"
Weight	0.8 oz	0.7 oz	0.7 oz
Model	ANT-00100S-1	6030	ANT-00500S-1
TTC #	950300600-001	950100600-001	950300700-001

Revision 05/07/2015

### ANT-00100S-1 Datasheet

©2015 Teletronics - A Curtiss-Wright Company

Specifications subject to change without notice.

Approved for Public Release 15-S-1603

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](http://www.ttcdas.com)



Management  
System  
AS9100C  
ISO 9001:2008