

## Aero LC HF Antenna



TAGSYS' Aero LC is a packaged HF RFID antenna, large and robust, perfectly suited for long distance applications in rough industrial environments.

### ROBUST AND HIGHLY PERFORMANT

Robust and reliable, TAGSYS' Aero LC antenna provides outstanding reading performance in challenging industrial settings.

TAGSYS' Aero LC antenna has been optimized to operate with TAGSYS' long range Medio readers. The antenna is shipped with its coaxial cable and BNC connector.

### HIGH QUALITY ANTENNAS FOR CHALLENGING ENVIRONMENTS

Due to TAGSYS' extensive cross-industry experience in designing, manufacturing, and integrating complex and reliable RFID infrastructure systems, we offer high quality, competitively priced antennas adapted to a variety of industrial applications. TAGSYS' RFID antennas are available as OEM boards, packaged units and portable devices.

TAGSYS develops comprehensive multi-band RFID infrastructure for item-level tracking. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly, at the highest performance levels, in the most demanding environments.

With a proven track record of delivering reliable RFID systems, TAGSYS has deployed over 250 million tags and 100,000 reader systems to over 500 customers in more than 40 countries.

More information on TAGSYS can be found at: [www.tagsysrfid.com](http://www.tagsysrfid.com).



## TECHNICAL SPECIFICATIONS

**FREQUENCY:**  
13.56 MHz

**PROTOCOLS SUPPORTED:**  
NXP ICODE 1 (C270)  
ISO 15693/ISO 18000-3 Mode 1  
(TAGSYS C370)  
TAGSYS C210

**IMPEDANCE:**  
50 ohm  $\theta^\circ$

**RF OUTPUT POWER:**  
4W

**READER COMPATIBILITY:**  
TAGSYS Medio L400  
TAGSYS Medio TR-L100 (specific cable  
length required)

**CABLE:**  
3m (118 in) coaxial cable  
Cable extension possible

**CONNECTOR TYPE:**  
SMA / BNC plug male

**CERTIFICATIONS:**  
CE, FCC Part 15

**DIMENSIONS OF INTERNAL RFID ANTENNA:**  
500 x 400 mm (19.7 x 15.7 in)

**EXTERNAL DIMENSIONS OF PACKAGED ANTENNA:**  
450 x 630 mm (17.7 x 24.8 in)

**WEIGHT:**  
1.9 Kg (4.18 lbs)

**CASING:**  
Light blue plastic ABS UL 94-VO

**OPERATING TEMPERATURE:**  
 $0^\circ\text{C}$  to  $40^\circ\text{C}$  ( $32^\circ\text{F}$  to  $104^\circ\text{F}$ )

TAGSYS USA  
1006 W. 9th Avenue  
Suite 30  
King of Prussia, PA 19406  
Phone: (+1) 267 882 4800

TAGSYS France  
180 Chemin de Saint Lambert  
13821 La Penne sur Huveaune  
France  
Phone: (+33) 4 91 27 57 00

TAGSYS Asia  
Unit A, 11/F, On Hing Building  
1 On Hing Terrace  
Central Hong Kong  
Phone: (+852) 2526 8303

[www.tagsysrfid.com](http://www.tagsysrfid.com)

Copyright © TAGSYS 2009  
This document and the information it  
contains are the exclusive property of  
TAGSYS. All Rights Reserved. Any  
unauthorized reproduction is strictly  
prohibited.

