



# Article Tag – Active Label AT-4BLF



## FEATURES:

- Small, lightweight and only 0.23" (5.95mm) in height
- Can be applied to most surfaces including on metal
- Up to 24 months operation
- Integrated motion and temperature sensors
- Waterproof and easy-to-clean

## DESCRIPTION:

The AT-4BLF Article Tag is an active RFID tag for tracking, locating, and protecting equipment and other assets that require an ultra-low profile tag with a small footprint. The tag can be placed on almost any surface, including metal surfaces, without significant degradation in performance.

The Tag has an integrated motion sensor that can be used to alarm on movement, and which increases the Beacon rate when the tag is in motion. A temperature sensor allows monitoring of ambient temperature between -10° to +60° Celcius.



The tags have Ultra-High Frequency (UHF) Beacon message capability for presence-detection and long-range location using GuardRFID's Tag Readers. They also include a Low Frequency (LF) Receiver that instantly detects entry into critical security zones or other locations of interest that are equipped with GuardRFID's Tag Exciters. This proximity location technology can instantly secure doors to protect a tagged article from leaving the perimeter, and can support numerous applications where better granularity of tag location is required.

GuardRFID's industry-leading tag communication protocol allows hundreds of tags to be detected simultaneously at security or detection points and enables a high density of tags within the system coverage. The Article Tag can be directly applied to an object using an extremely strong peel-and-stick adhesive label at the back of the tag.

## SPECIFICATIONS:

<b>AT-4BLF</b>	
Part Number	61-10500
Transmit Frequency	433 MHz
Receive Frequency	125 KHz
Battery Life	12 months nominal based on 60% motion 24 months nominal based on 5% motion
Beacon Interval	10 minutes static, 12 seconds while in motion
Sensors	Motion, Temperature - 14° to 140° F (-10° to +60° C)
Dimensions	1.56" x 1.26" x 0.23" (40mm x 32 mm x 5.95mm)
Weight	6 gm
Operating Temperature	-4° F to 122°F (-20°C to 50°C)

*Tag Replacement Warranty – Prorated up to a maximum term of 12 months*

This device complies with part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

**Guard RFID Solutions Inc.**  
 #140 – 766 Cliveden Place  
 Delta, BC  
 Canada V6M 6C7  
 Tel: 866.785.7343  
 Fax: 604.524.4018  
[guardRFID.com](http://guardRFID.com)

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