



Article Tags AT-1BLF, AT-2BLF

FEATURES:

- Small and light for deployment on small or large articles
- 36 months battery life
- Tamper detection and motion sensors
- Waterproof

DESCRIPTION:

The AT-1BLF and AT-2BLF are Active Tags for tracking, location and protection of Articles and Equipment.

Both tags have locating Beacon message capability, and include a Low Frequency (LF) Receiver so that it can be instantly detected at locations that are equipped with GuardRFID's Tag Exciters. This detection method enables GuardRFID's system to control doors, for example, so as to protect a tagged article from leaving the perimeter, or to support applications where better granularity of tag location is required.

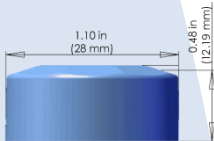
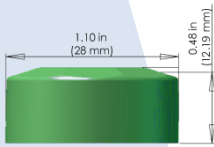
The AT-1BLF transmits periodic Beacon messages at a constant rate, while the AT-2BLF has an integrated motion detector which is used to alter the Beacon rate based on whether the tag is stationary or in motion. The AT-2BLF also contains a tamper detection mechanism.

Transmission of data from the Tags is exceptionally rapid, allowing literally hundreds of Tags to be detected simultaneously at choke points, and also enabling a high density of Tags to coexist within the system coverage area. Both Tags are designed to be either mounted using an adhesive "peel and stick" label at the back of the Tag, or by employing GuardRFID's patented tag mounting mechanism. The tag mount enables the Article Tags to be mounted on round and cylindrical surfaces, such as poles and power cables.



SPECIFICATIONS:

	AT-1BLF	AT-2BLF
Part Number	61-10200	61-10201
Transmit Frequency	433 MHz	433 MHz
Receive Frequency	125 KHz	125 KHz
Battery Life	36 months	36 months
Beacon Interval	12 seconds constant	10 minutes static, 12 seconds moving
Sensors	None	Motion and Tamper
Dimensions	1.1 x 0.48" (28 x 12.2 mm)	1.1 x 0.48" (28 x 12.2 mm)
Weight	8 gm	8 gm
Operating Temperature	-4° F to 122°F (-20°C to 50°C)	-4° F to 122°F (-20°C to 50°C)
Humidity	0 – 95% RH non-condensing	0 – 95% RH non-condensing
Regulatory	FCC Part 15 Approved	FCC Part 15 Approved
Warranty	Prorated over 36 months	Prorated over 36 months



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Conforms to UL-294
 FCC ID: VZKAT



This device complies with part 15 of the FCC Rules. 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.