

ABOUT TIMES-7

Pushing the boundaries of RFID technology worldwide Times-7 are leaders in RFID antenna design and manufacture. Our patented award winning UHF antennas meet the needs of virtually any industry application; providing customers with fast accurate tracking of products, assets & people; empowering organisations to transform processes & reduce costs.

Our SlimLine range of antennas is unique in the RFID industry; offering high levels of performance & durability in an aesthetically superior form.

Proven in a diverse & growing range of markets, applications include: retail & customer interaction, conference & people tracking, race timing, baggage handling, and logistic & supply chain asset management.

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The SlimLine A6015

Part of the SlimLine range of airport antennas, the A6015 is a flat panel antenna array especially suited for airport self check-in baggage systems. With UHF ActivBeam™ active beam switching technology, the A6015 'searches' for RFID tags, maximising read performance and ensuring that bag-tags are never missed. Designed for quick and easy installation and just 12 mm / 0.5 in. thick, the A6015 speeds up the process of airport check-in, improving operational efficiencies for baggage handling at airports - or anywhere UHF RFID tag-reading is required where stationary assets can't afford to be missed.

Ultra-low profile circular polarised antenna

Especially suited for airport self check-in baggage systems

UHF ActivBeam™ technology for maximum tag-read performance

Typical applications:

Airport self check-in baggage systems
& anywhere stationary assets need to be read

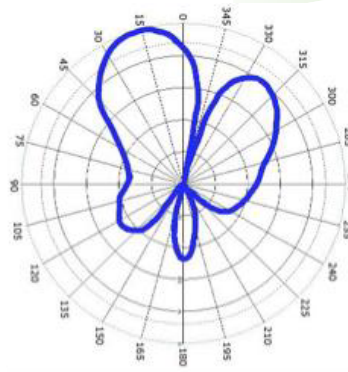
Physical / Environmental Specifications

| | |
|----------------------------------|---|
| Dimensions (L x W x D): | 380 mm x 549 mm x 12 mm 15 " x 21.6 " x 0.5 " |
| Weight: | 2.6 kg / 5.7 lbs. |
| Radome Material: | 3 mm HDPE (High Density Polyethylene) |
| Environmental Rating: | IP54 |
| Operating / Storage Temperature: | 0° to +50°C / -30° to +60°C +32F° to +122°F / -22° to +140°F |
| Mounting: | Affixed directly under check-in bag drop |
| Connector type (RF): | RP-SMA female side fly lead (2.2 m / 7.2 ft.) |
| Connector type (DC): | M8 (2.2 m / 7.2 ft.) |

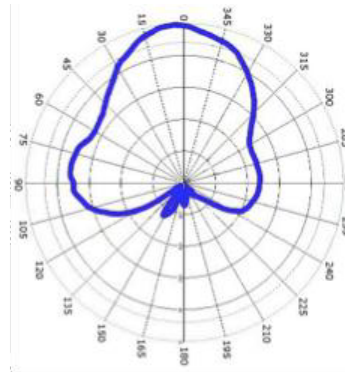
Electrical Specifications

| | |
|--------------------------------------|---------------------------|
| Frequency Range: | 865-868 MHz / 902-928 MHz |
| Polarisation: | Circular |
| Far-field Gain: | 4 dBiC |
| Typical VSWR across frequency range: | < 1.8:1 |
| Front to back ratio: | >15dB |
| Read zone above belt: | ≤ 1500 mm |
| Read zone across belt: | ≤ 1000 mm |
| Nominal Impedance: | 50 Ω |
| Anti-static protection: | Yes |
| DC Supply Voltage: | 12 ~ 24 VDC @ 10mA max. |
| Maximum Input Power: | 6 W |

E-field elevation & Azimuth Patterns

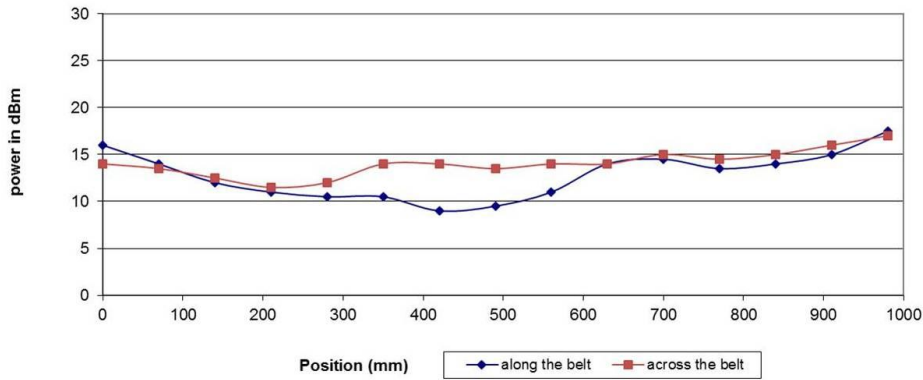


XZ-plane



YZ-plane

Power required to activate tag 500mm above the antenna



A6015 Tag activation profile

Ordering Information (please quote both product code & part no.)

| Product Code | Band | Part No. |
|--------------|------------------|----------|
| A6015 | ETSI 865-868 MHz | 71419 |
| A6015 | FCC 902-928 MHz | 71420 |

Applications

- Airport check in baggage systems
- Any application with stationary tagged assets



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OUR GLOBAL NETWORK

Constantly increasing market reach and influence in the global RFID industry, Times-7's international support spans The Americas, Europe, and Asia Pacific regions through our distributor, authorized reseller and integrated solutions provider network.

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