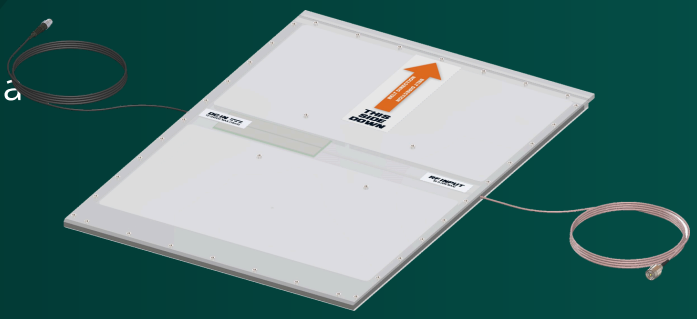
IDCRAFT
RFID & NFC EXPERTS

UHF RFID | RAIN - Bag Drop Panel Antenna
Times-7 - A6015



- ActivBeam™ active beam switching
- Circular polarisation, 4 dBiC gain
- Read zone up to 1500 mm above belt
- Only 12 mm thick, 380 x 549 mm
- Mounts directly under the bag drop

UHF RFID | RAIN - Bag Drop Panel Antenna
ActivBeam CP bag drop antenna, 4 dBiC, 12 mm, up to 1500 mm

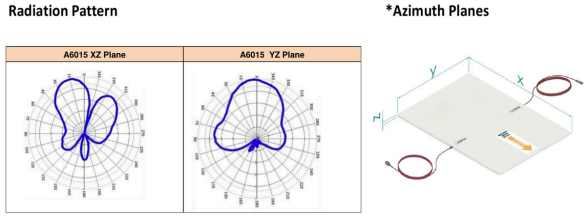
The Times-7 A6015 is a circularly polarised flat-panel antenna array from the SlimLine range of airport antennas, built for self-check-in bag drop systems. It delivers 4 dBiC far-field gain and creates a read zone of up to 1500 mm above and up to 1000 mm across the belt, in a 380 x 549 mm housing that is only 12 mm thick and weighs 2.6 kg.

UHF ActivBeam™ active beam switching steers the field so the antenna 'searches' for tags instead of radiating a fixed beam, which keeps bag tags from being missed. Typical VSWR is below 1.8:1 and front-to-back ratio better than 15 dB. The A6015 covers 865–868 MHz (ETSI) or 902–928 MHz (FCC), accepts up to 6 W and works with any UHF RFID reader with a 50 Ω antenna port; the beam switching needs a 12–24 VDC supply at 10 mA max.

A 3 mm HDPE radome protects the array and is rated IP54, with an operating range of 0 to +50 °C. The antenna is affixed directly under the check-in bag drop and connects via 2.2 m side fly leads: an RP-SMA female lead for RF and an M8 lead for the DC supply. Beyond airport baggage handling, it suits any scenario where tags on stationary items must be read reliably.

Common Applications

- Airport Self Bag Drop
- Check-In Baggage Systems
- Baggage Handling
- Luggage Tag Verification
- Stationary Asset Tracking
- Airport Check-In Counters



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UHF RFID | RAIN - Bag Drop Panel Antenna

TECHNICAL SPECIFICATIONS

Electrical

Frequency Range	865–868 MHz (ETSI) 902–928 MHz (FCC)
Polarisation	Circular
Far-Field Gain	4 dBiC
Beam Steering	UHF ActivBeam™ switching
VSWR	Below 1.8:1 typical
Front-to-Back Ratio	Better than 15 dB
Read Zone Above Belt	Up to 1500 mm
Read Zone Across Belt	Up to 1000 mm
Impedance	50 Ω
Anti-Static Protection	Yes
DC Supply	12–24 VDC, 10 mA max.
Max. Input Power	6 W

Mechanical

Dimensions	380 x 549 x 12 mm
Weight	2.6 kg
Radome	3 mm HDPE
RF Connector	RP-SMA female, side fly lead
RF Lead Length	2.2 m
DC Connector	M8
DC Lead Length	2.2 m
Mounting	Directly under the bag drop

Environmental

Protection Class	IP54
Operating Temperature	0 to +50 °C
Storage Temperature	-30 to +60 °C

Ordering Information

A6015, ETSI	71419
A6015, FCC	71420