

**ABOUT TIMES-7**

We are a high-tech company specializing in the design and manufacture of RAIN (UHF) RFID antennas. Founded in 2006, Times-7 has developed the largest portfolio of fixed RAIN RFID reader antennas. Based in Lower Hutt, New Zealand we export all over the world through an authorized network.

Times-7 antennas are famous for their quality and performance.

In addition to our world-class products and in-depth expertise, our customers appreciate Times-7's customer service and technical support.

We are responsive in supporting a large global customer base and ensuring the success of our customer's implementations.

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Ultra-low profile linear polarized flat panel antenna

Just 8 mm / 0.3 in. thick

Typical applications:  
Jewelry, Retail,  
Industrial / Workshop  
Tool tracking &  
any shelving / cabinet  
application where RFID  
is required

The SlimLine A7060

Part of the SlimLine range of multi-purpose antennas, the A7060 is sought after for RFID deployments from retail product tracking to industrial / workshop tool tracking. At just 8 mm / 0.3 in. thick, the durable, high performance A7060 is specifically designed for real-time asset & product identification / inventory management. Custom lengths are available.

**Order Information**

**Ordering Information (please quote product code, band / cable type & part no.)**

*Antenna Product Code	Band	Part No.
A7060	ETSI 865-868 MHz	71303
A7060	FCC 902-928 MHz	71304
Cable Accessories Product Code	Cable Type	Part No.
Cable 2 m, SMA to RPTNC	T7 195 / 240 / 400	71436 / 71782 / 72042
Cable 4 m, SMA to RPTNC	T7 240 / 400	71784 / 72043
Cable 6 m, SMA to RPTNC	T7 240 / 400	71904 / 72044
Cable 8 m, SMA to RPTNC	T7 240 / 400	71788 / 72045

\*Built in New Zealand. ROHS & CE compliant.

View the Times-7 Cable Accessory datasheet [here](#)

## Specifications

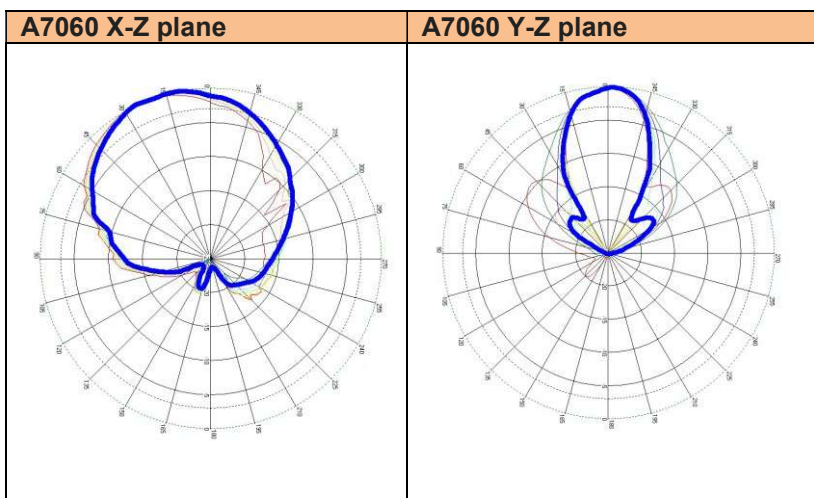
### Physical / Environmental Specifications

Dimensions: Length (x) x Width (y) x Depth (z)	600 mm x 250 mm x 8 mm 23.62" x 9.84" x 0.31"
Weight:	1.2 kg / 2.6 lbs.
Radome Material:	Fire retardant ABS
Environmental Rating:	IP54
Operating / Storage Temperature:	-20° to +55°C / -30° to +65°C -4° to +131°F / -22° to +149°F
Connector type / position:	SMA female side fly lead (300 mm / 1')

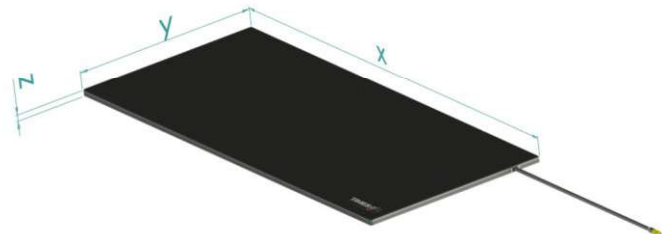
## Electrical Specifications

Frequency Range:	864-868 MHz / 902-928 MHz
Polarization:	Linear
Far-field Gain:	9 dBi typical
Far-field 3 dB beamwidth: *	65° in yz-plane, 30° in xz-plane
VSWR	1.6 typical
Front to back ratio:	24 dB
Nominal impedance:	50 Ω
Anti-static protection:	Yes, DC grounded
Antenna detection	10 K Ω resistance
Maximum Input Power:	3 W

## Radiation Pattern



## Azimuth Planes



## Installation Instructions

- Ensure that only finger tightness is used for the SMA connector. Use of tools to tighten the connector will apply excessive force and will damage the connector.
- Avoid any load or bending force from the cable on the connector.

## Applications

### Retail / Jewelry

Using RFID tags on jewelry allows you to instantly inventory everything. With the A7060 antenna, you'll be able to open/close a typical jewelry store accurately and confidently track all items inside.



### Workshop / Industrial Tools

A tool tracking system using RFID automates all tool inventory management procedures by using wireless RFID tags, and antennas. With the A7060 antenna you can identify, track and control tools in real-time throughout the workday.



### Any Shelving / Cabinet application

The A7060 Antenna is perfect for creating a smart shelving unit to track when items come off the shelf in retail stores or even supermarkets. This antenna is perfect for monitoring items if they have been moved around in the store.



### OUR GLOBAL NETWORK

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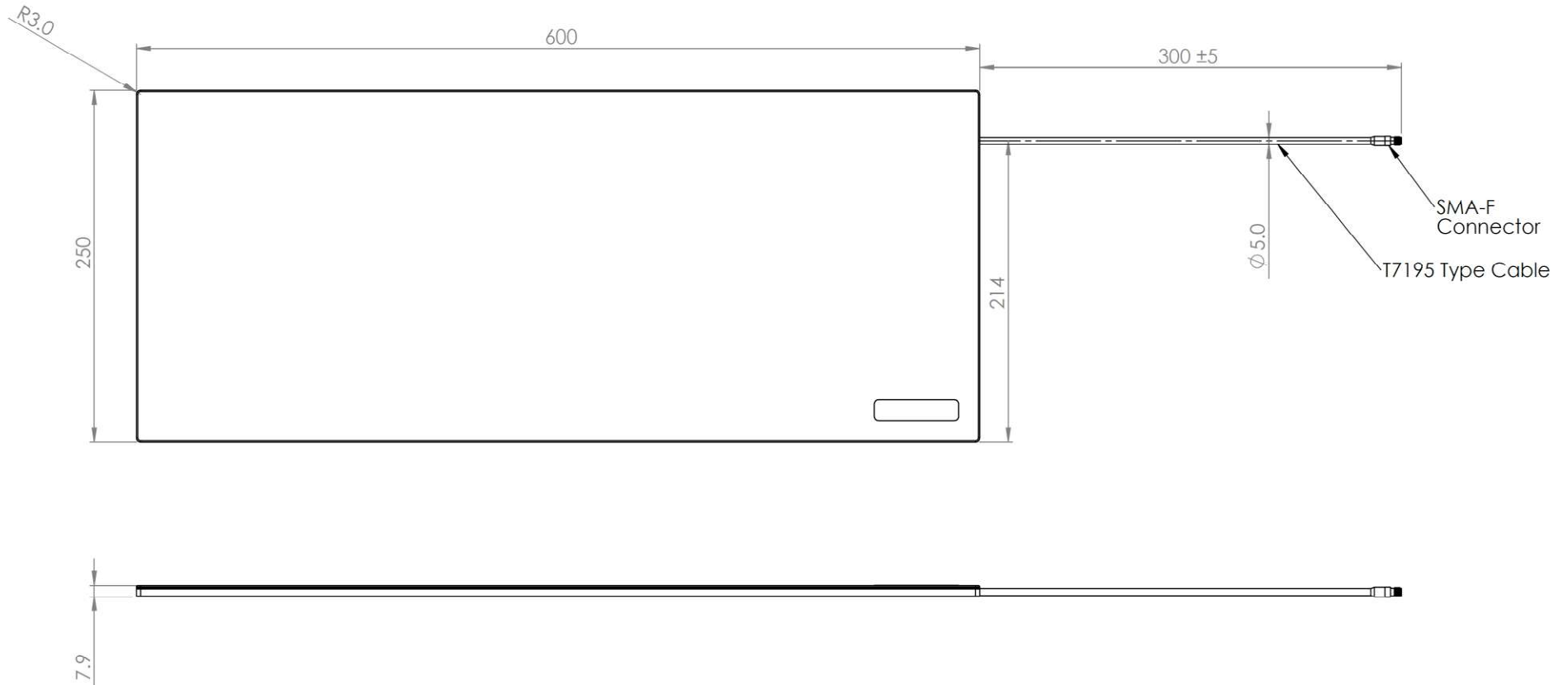
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# Mechanical Drawing for the A7060



Linearly polarized  
parallel to the long  
edge of the  
antenna



<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TIMES-7 LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF TIMES-7 IS PROHIBITED.</small>		<small>DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED TOLERANCES: NO DECIMAL PLACES ± 1 ONE PLACE DECIMAL ± 0.5</small>				DESCRIPTION <b>A7060 Antenna</b>	
DRAWN C Wilson	SIGNATURE 	DATE 10/06/2019	SIZE <b>A3</b>	PART NO. 71303 (ETSI) , 71304 (FCC)	REV <b>B</b>	DO NOT SCALE DRAWING	
APPROVED R Lopez	SIGNATURE 	DATE 11/06/2019	SHEET 1 OF 1				