

**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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**The A8060 door frame antenna**

The SlimLine A8060 is a unique, ultra-low profile linear flat panel UHF antenna. The durable A8060 easily transforms existing doorways into an RFID portal or read point.

At just 10.5 mm / 0.4 " thickness and with integrated mounting holes requiring no extra frames and mounting kits for installation, the A8060 is a portal antenna solution with absolutely no compromise on spatial dimensions. Versatile and good-looking, the A8060 works as a left, right and/or top antenna.

When combined with a SlimLine ground antenna (e.g. the A6590C), the A8060 makes a high performance, cost effective RFID portal a reality.

Unique ultra-low profile door frame antenna

Just 10.5 mm / 0.4" thick  
Easily transforms existing doorways into RFID portal / read points

Ideal for all forms of asset & people tracking in portal RFID deployments

**Order Information**

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

Antenna Product Code	Band	Part No.
A8060	ETSI 865-868 MHz	71442
A8060	FCC 902-928 MHz	71416
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

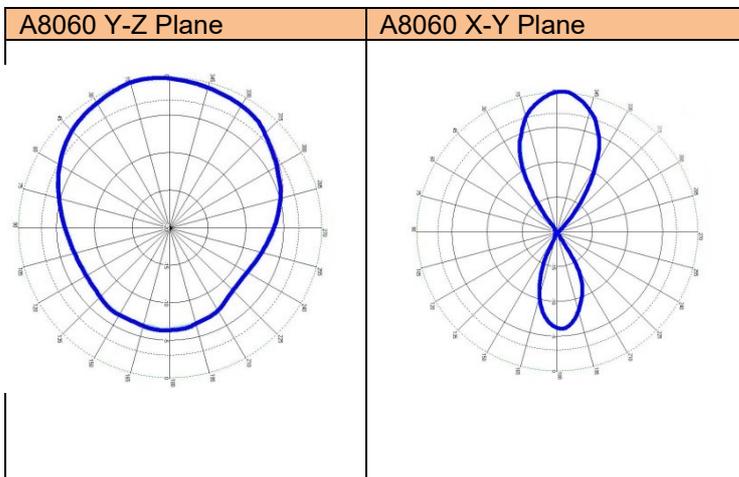
### Physical / Environmental Specifications

Dimensions: Length (x) x Width (y) x Depth (z)	650 mm x 88 mm x 10.5 mm 25.59" x 3.54" x 0.41"
Boxed unit dimensions: (L x W x D)	670 mm x 100 mm x 20 mm 26.37" x 3.93" x 0.78"
Net Weight:	0.532 kg / 1.25 lbs.
Gross Weight:	0.651 kg / 1.43 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
Mounting:	Integrated mounting guides / Adhesive foam strip
Connector type / position:	SMA female side fly lead (300 mm / 1')

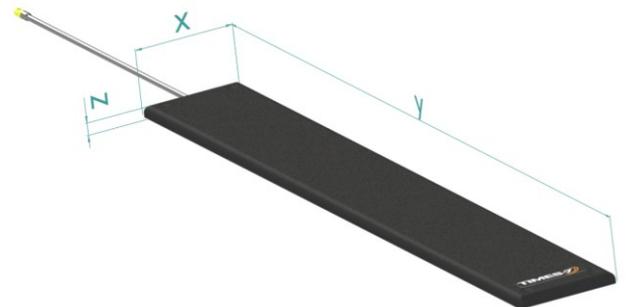
### Electrical Specifications

Frequency Range:	865-868 MHz / 902-928 MHz
Polarization:	Horizontally Linear
Far-field Gain:	5 dBi
Far-field 3 dB beamwidth: *	110° in yz-plane, 30° in xz-plane
VSWR	1.8 typical
Front to back ratio:	-7 dB
Nominal Impedance:	50 Ω
Anti-static protection:	Yes, DC grounded
Maximum Input Power:	3 W
Antenna detection	10 K Ω resistance

## Radiation Pattern



## Azimuth Planes



## Mounting Information

### Flush mount

- The A8060 has 4 drill guides on the antenna radome, which can be drilled through without damaging the antenna. For the exact position please refer to the mechanical drawings. For further instructions please click [here](#).

## Installation Instructions

Please ensure

- 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.
- That the antenna is attached (with either the included adhesive tape or mounting screws) to a flat surface.

## Applications

### Asset & people tracking

The A8060 Antenna is perfect for tracking people at events through an RFID portal/doorway deployment. This antenna easily fits into any door frame to track people who move through it.



### Hospital patient tracking

The A8060 antenna allows hospitals to track the most vulnerable patients and reduce injuries due to falls or wandering. Patient tracking improves patient flow within the hospital.



### OUR GLOBAL NETWORK

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Datasheet v3.0

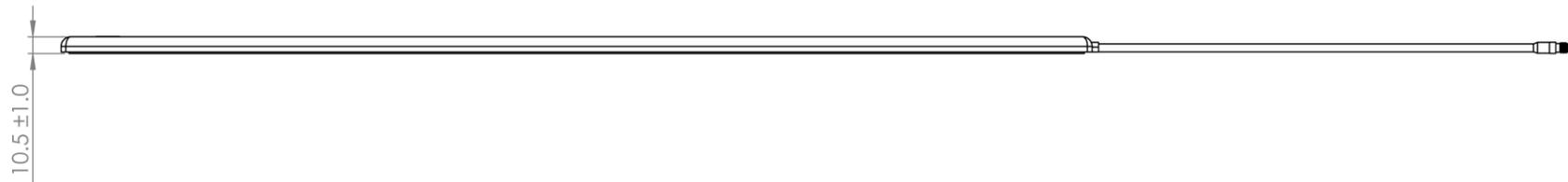
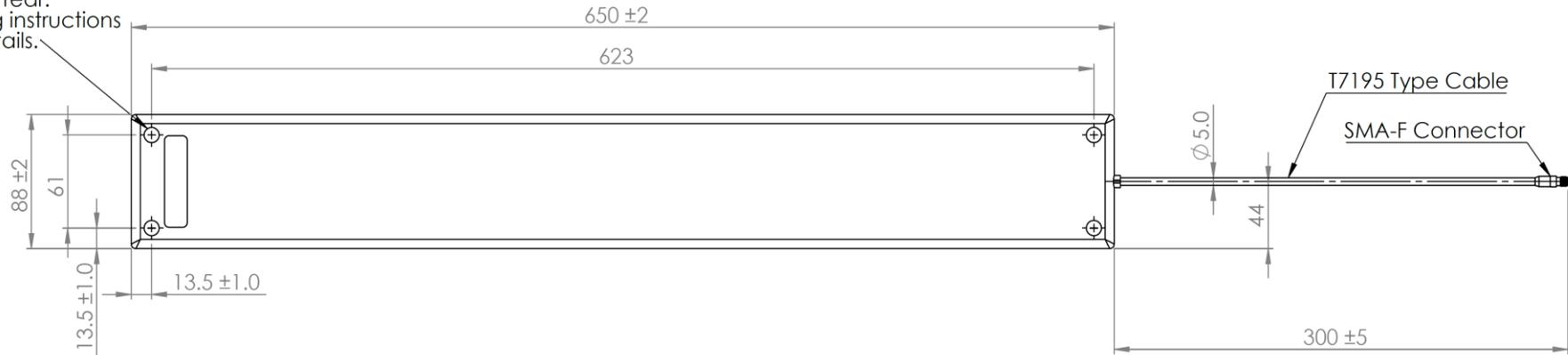
# Mechanical Drawing for the A8060



4x Mounting Guide for  $\varnothing 6$  screws/bolts or smaller. Marker on front surface, pre-drilled on rear. See mounting instructions for further details.

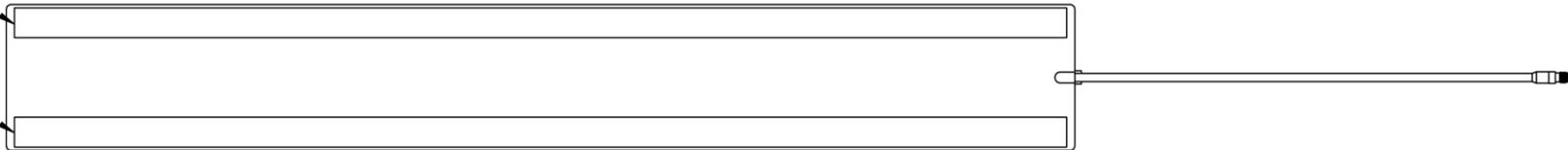


Linearly polarized parallel to the long edge of the antenna



Adhesive mounting strip

Adhesive mounting strip



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DRAWN C Wilson	SIGNATURE 	DATE 06/06/2019	SIZE <b>A3</b>	PART NO. 71422 (ETSI) / 71416 (FCC)	REV <b>D</b>	DO NOT SCALE DRAWING	
APPROVED R Lopez	SIGNATURE 	DATE 11/06/2019	SHEET 1 OF 1				