

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 organizations 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.

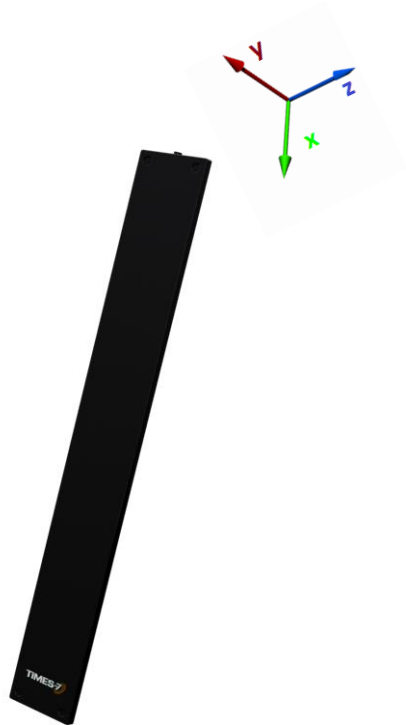
Times-7 Research Ltd
29 Railway Avenue
Lower Hutt 5010
New Zealand

NEW ZEALAND
P: +64 4 974 6566

USA/CANADA
P: +1 408 769 5025

E: info@times-7.com

www.times-7.com



The A8060 door frame antenna



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

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 " in 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.



Specifications

Physical / Environmental Specifications

Dimensions (L x W x D):	650 mm x 90 mm x 10.5 mm 25.6 " x 3.5 " x 0.4 "
Weight:	0.5 kg / 1.1 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 XZ (horizontal), 30° in YZ (vertical)
VSWR	1.8 typical
Front to back ratio:	-7 dB
Nominal Impedance:	50 Ω
Anti-static protection:	DC grounded
Maximum Input Power:	3 W
Antenna detection	10 K Ω resistance

Order Information

(please quote both product code & part no.)

Product Code	Band	Part No.
A8060	ETSI 864-868 MHz	71442
A8060	FCC 902-928 MHz	71416
Cable Accessories	Cable Type	Part No.
Cable 2 m, SMA to RPTNC	LMR 195 / 240 / 400	71436 / 71782 / 72042
Cable 4 m, SMA to RPTNC	LMR 240 / 400	71784 / 72043
Cable 6 m, SMA to RPTNC	LMR 240 / 400	71904 / 72044
Cable 8 m, SMA to RPTNC	LMR 240 / 400	71788 / 72045

Built in New Zealand. ROHS & CE compliant. Patent Pending.

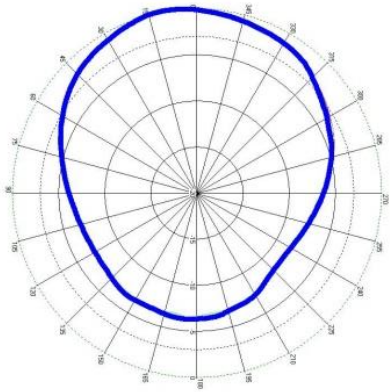


ANTENNAS™

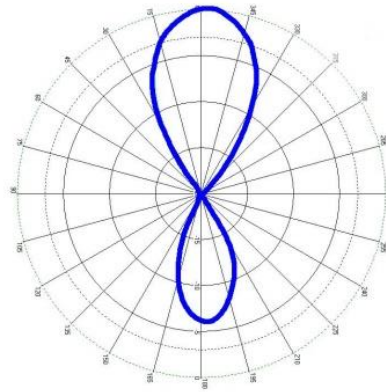
LINEAR POLARIZED DOOR FRAME ANTENNA

SlimLine - A8060

E-field elevation & Azimuth Patterns

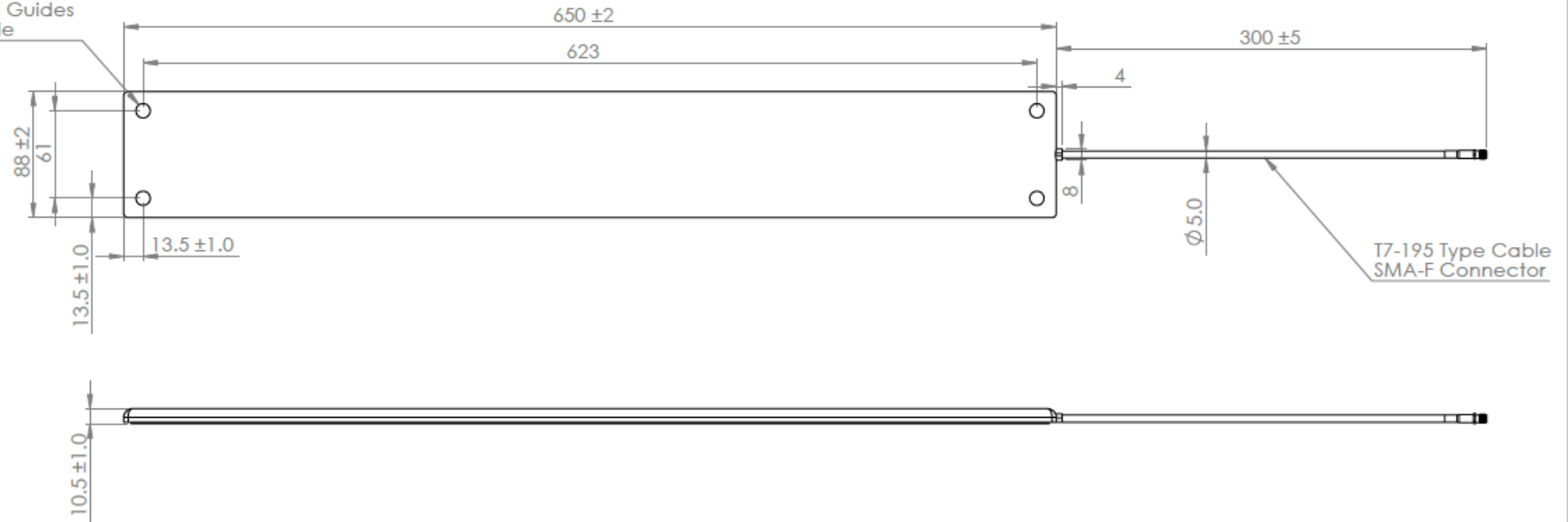


XZ-plane




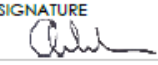

YZ-plane

4x Mounting Hole Guides
 for 6mm THRU Hole



Adhesive mounting
 strip

Adhesive mounting
 strip

<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 A8060 FCC / A8060 ETSI	
DRAWN C Wilson	SIGNATURE 	DATE 27/11/2018	SIZE A3	PART NO. 71416 / 71422	REV C	DO NOT SCALE DRAWING	
APPROVED P Roling	SIGNATURE 	DATE 27/11/2018	SHEET 1 OF 1				

Applications



- All forms of asset & people tracking through RFID portal/doorway deployment



- People tracking
- Crowd management



- Hospital patient tracking

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.

Times-7 Research Ltd
29 Railway Avenue
Lower Hutt 5010
New Zealand

NEW ZEALAND
P: +64 4 974 6566

USA/CANADA
P: +1 408 769 5025

E: info@times-7.com

www.times-7.com

The technical data contained in this publication is not a guarantee for which Times-7 Research Ltd assumes legal accountability. It is indicative of typical performance, and if required should be relied on for specific applications only after due verification.

All technical data, specifications and other information contained herein are deemed to be the proprietary intellectual property of Times-7 Research Ltd. No reproduction, copy or use thereof may be made without the express written consent of Times-7 Research Ltd.