

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.

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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.)

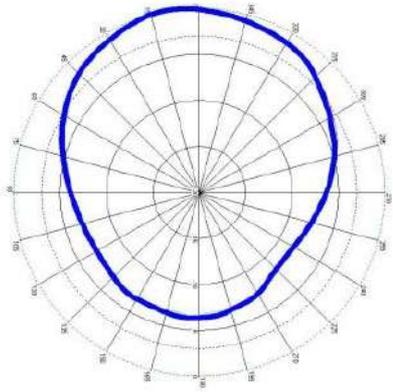
Product Code	Band	Part No.
A8060	ETSI 864-868 MHz	71442
A8060	FCC 902-928 MHz	71416
Cable Accessories	Cable Type	Part No.
Cable 2 m, SMA to RPTNC	LMR 195 / 240 / 400	71436 / 71782 / 72042
Cable 4 m, SMA to RPTNC	LMR 240 / 400	71784 / 72043
Cable 6 m, SMA to RPTNC	LMR 240 / 400	71904 / 72044
Cable 8 m,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

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

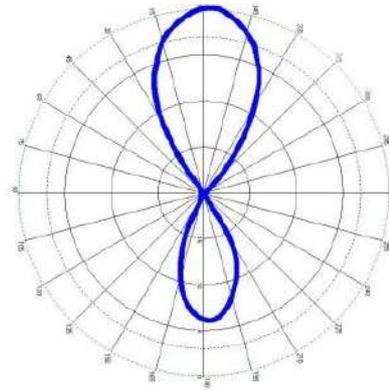


LINEAR POLARIZED DOOR FRAME ANTENNA SlimLine - A8060

E-field elevation & Azimuth Patterns

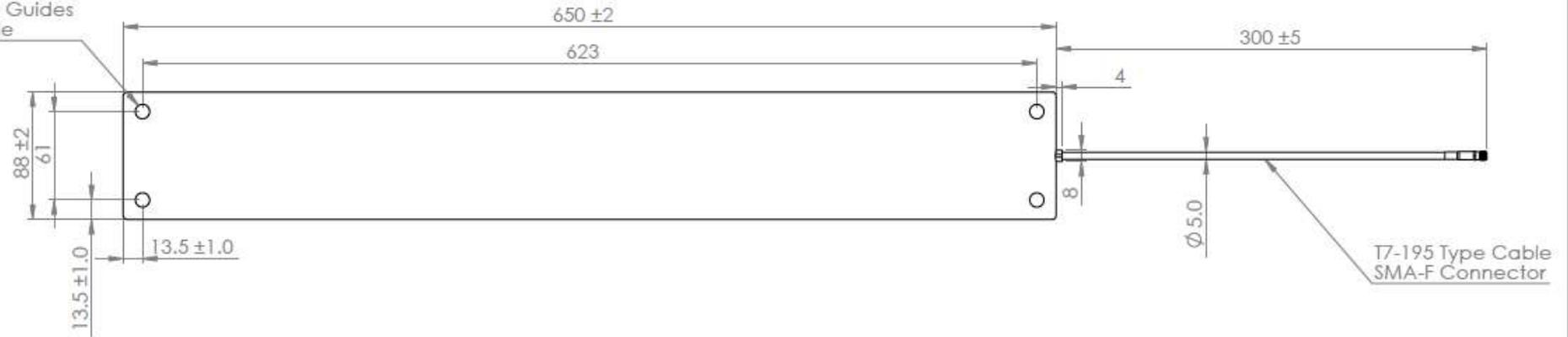


XZ-plane



YZ-plane

4x Mounting Hole Guides
 for 6mm THRU Hole

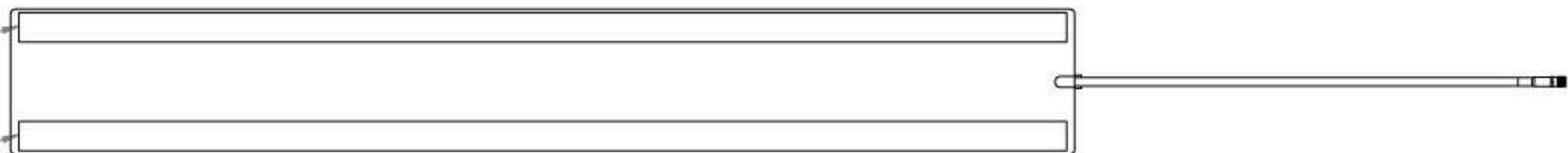


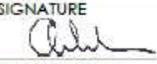
T7-195 Type Cable
 SMA-F Connector



Adhesive mounting
 strip

Adhesive mounting
 strip



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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.

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