

# LINEAR POLARISED DOOR FRAME ANTENNA

## SlimLine - A8060

### 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 organisations to transform processes & reduce costs.

Our SlimLine range of antennas are unique in the RFID industry; offering high levels of performance & durability in an aesthetically superior form.

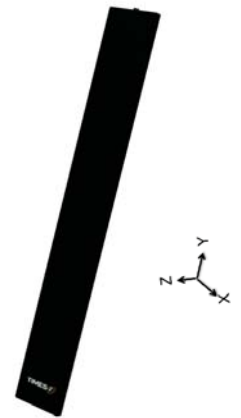
Proven in a diverse & growing range of markets, applications include: retail & customer interaction, conference & people tracking, race timing, baggage handling, and logistic & supply chain asset management.



The SlimLine A8060 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 8 mm / 0.3 in. 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.



Unique ultra -low profile door frame antenna

Just 8 mm / 0.3 in. thick  
Easily transforms existing doorways into RFID portal / read points

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

## Specifications

### Physical / Environmental Specifications

Dimensions (LxWxD):	650 mm x 86 mm x 8 mm 25.6 in. x 3.4 in. x 0.3 in.
Weight:	0.5 kg / 1.1 lbs.
Radome Material:	Fire retardant Kydex
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 ft.)
Cable:	2m SMA to RPTNC (included)

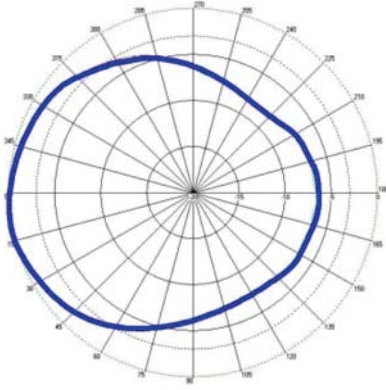
### Electrical Specifications

Frequency Range:	864 – 869 MHz / 902 – 928 MHz
Polarisation:	Linear
Far-field Gain:	5dBi
Far-field 3dB beamwidth:	110° in XZ (horizontal), 30° in YZ (vertical)
Typical VSWR across frequency range:	< 1.8:1
Front to back ratio:	7dB
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

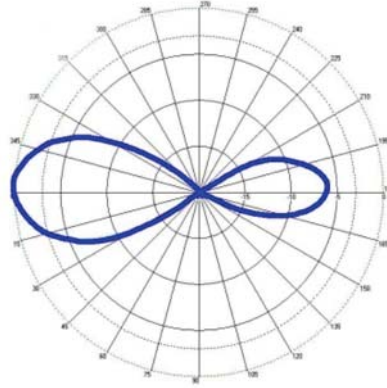
# LINEAR POLARISED DOOR FRAME ANTENNA

## SlimLine - A8060

*E-field elevation & Azimuth Patterns*



XZ-plane



YZ-plane

**Ordering Information (please quote both product code & part no.)**

Product Code	Band	Part No.
A8060	ETSI 864-869 MHz	71442
A8060	FCC 902-928 MHz	71416
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438

### 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.

TransTech Systems, Inc.  
12142 NE Sky Lane  
Suite 130  
Aurora, OR 97002

Ph: 888-843-3643  
Fax: 503-682-0166

[sales@ttsys.com](mailto:sales@ttsys.com)  
[www.ttsys.com](http://www.ttsys.com)