

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.

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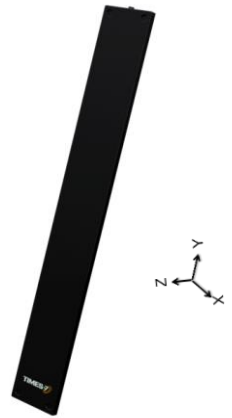
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The SlimLine A8060 Antenna

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.)

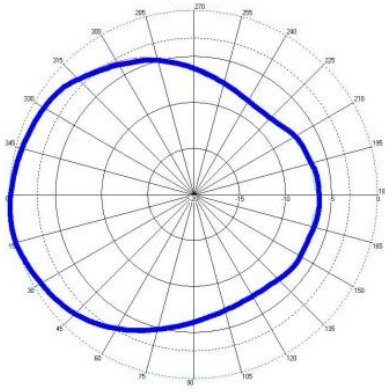
Electrical Specifications

Frequency Range:	865 – 867 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

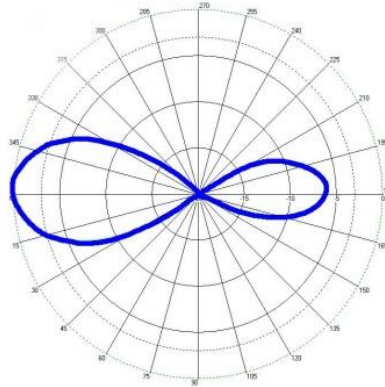
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SlimLine - A8060

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 865-867 MHz	71442
A8060	FCC 902-928 MHz	71416

Applications

- All forms of asset & people tracking through RFID portal / doorway deployment
- People tracking / Crowd management
- Hospital patient tracking



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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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