

# RACE TIMING ANTENNA SYSTEM

## SlimLine RTAS

### 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 SlimLine RTAS*

Complete race timing antenna system – for deployments of up to 7 antennas

Portable - fast & simple to set up

Ultra-low profile - just 12 mm / 0.5 in. thick

Robust – withstands open road traffic

Operates in all weather conditions

The SlimLine RTAS is a complete high performance ground mat antenna system, which is fully optimized for race timing and event management applications.

Ready to be deployed in a matter of minutes, the RTAS offers true portability with fast and easy setup – allowing for rapid race timing and event management deployments with ease and performance.

Leveraging the product innovations of the unbeatable SlimLine A5530, the RTAS offers features such as:

- ❖ Ability to seamlessly connect up to 7 antennas - with finishing line stripe
- ❖ Color-coded antenna mats & complete color-coded cable set (up to 7 antennas)
- ❖ Integrated cable channels to protect and hide away cables
- ❖ Inter-connecting straps to firmly keep antennas aligned and in place
- ❖ All cables included, with each mat antenna having 2 m / 6 ft. clear cable free for reader connection
- ❖ SMB-SMA adapter included for antenna protection and easy cable replacement



*Integrated cable channels & Inter-connecting straps*

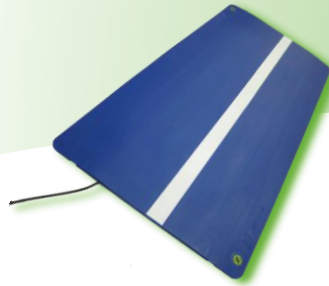


*Colour-coded numbering*



*Integrated cable channels – Cable detail*

Event and race-proven, the SlimLine RTAS has been extensively stress and performance-tested in hundreds of events around the world, putting this complete race timing antenna system in a class of its own.



*Finishing line stripe*

### Specifications

#### Physical / Environmental Specifications

Dimensions (L x W x D):	1220 mm x 600 mm x 12 mm 4' x 2' x 0.5"
Weight:	8.4 kg / 18.5 lbs. (per mat antenna)
Antenna Enclosure:	Moulded polyurethane housing
Environmental Rating:	IP66
Operating / Storage Temperature:	0° to +50°C / -30° to +60°C 32° to +122°F / -22° to +140°F
Connector type / position:	RPTNC (refer to cable length detail below)
Cable protection:	SMA-SMB adapter inline with cable to prevent damage from excessive force on cable.
Cable:	All cables included

#### Electrical Specifications

**For full electrical Specifications & Azimuth Patterns - please refer to SlimLine – A5530 Data Sheet**

Frequency Range:	865-868 MHz (ETSI) / 902-928 MHz (FCC)
Polarization:	Linear
Far-field Gain:	10 dBi typical
Nominal impedance:	50 Ω
Anti-static protection:	DC grounded
Antenna detection	10 K Ω resistance
Maximum Input Power:	3 W

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

Product Code	Cable Length	Part No.
RTAS MAT-1	2.62 m / 8 ft 7 in.	70270 ETSI / 70276 FCC
RTAS MAT-2	3.84 m / 12 ft 7 in.	70271 ETSI / 70277 FCC
RTAS MAT-3	5.06 m / 16 ft 7 in.	70272 ETSI / 70278 FCC
RTAS MAT-4	6.28 m / 20 ft 7 in.	70273 ETSI / 70279 FCC
RTAS MAT-5	7.50 m / 24 ft 7 in.	70274 ETSI / 70280 FCC
RTAS MAT-6	8.72m / 28 ft 7 in.	70275 ETSI / 70281 FCC

### Applications

- Event & Race Timing
- Conference Attendee / People Tracking



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#### 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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