

RFID UHF ANTENNA RTAS GROUND ANTENNA



APPLICATIONS

- Event and Race Timing
- Conference Attendee Tracking
- Industrial Asset Tracking

FEATURES

- Ultra low profile
- 12 mm thick
- Colour coded antenna mats & complete colour coded cable set up
- Inter-connecting straps to keep antennas aligned

RFID OPTIONS

- UHF (865 – 867 MHz)

DESCRIPTION

iDTRONIC's unique Antenna System RTAS is a complete high-performance ground mat antenna system optimized for applications in race timing and event management. Ready to be developed in a matter of minutes, the Antenna System RTAS offers true portability with fast and easy setup.

RTAS give the ability to seamlessly connect to 7 antennas - with finishing line stripe. There are integrated cable channels to protect and hide away cable. All cables are included, with each mat antenna having 2 m clear cable free for reader connection.

TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Frequency Range	ETSI: 864 – 869 MHz (ETSI)
Polarisation	Linear
Far-field Gain	10 dB

PHYSICAL / ENVIRONMENTAL SPECIFICATIONS	
Dimensions	1.220 × 600 × 12 mm
Weight	8.4 kg
Protection Class	IP66
Operating Temperature	0 °C to + 50 °C
Antenna Enclosure	Moulded polyurethane housing
Connector type / position	RPTNC (refer to cable length detail below)
Cable	all cables included



COLOUR-CODED
NUMBERING



INTEGRATED CABLE CHANNELS &
INTER-CONNECTING STRAPS

ORDER CODES

VERSIONS	ORDER CODES
2,62 m cable length	R-T7-RTAS-MAT1
3,84 m cable length	R-T7-RTAS-MAT2
5,06 m cable length	R-T7-RTAS-MAT3
6,28 m cable length	R-T7-RTAS-MAT4
7,50 m cable length	R-T7-RTAS-MAT5
8,72 m cable length	R-T7-RTAS-MAT6

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