UHF RFID RACE TIMING TAG
IDT RTT

UHF **Low Cost** **IP 65** **Durable**

The RFID Race Timing Tags (IDT RTT) feature a foam-based design that enables quick and secure attachment to marathon runners' bibs. These versatile tags are widely used in event timing applications, including marathons, skiing, cycling, and triathlons. Offering a read range of up to 8 meters, they ensure accurate, reliable, and real-time data capture throughout the race. Trusted by race organizers, IDT Race Timing Tags enhance both participant and organizer experiences by delivering precise, efficient, and scalable race timing performance.

PHYSICAL PARAMETERS

Dimension	110mm x 32mm (Custom Size Available)
Weight	10g ± 2
Encasement / Material	Foam based
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	3M Adhesive (on Bibs)
Sealing	IP 65

RFID PERFORMANCE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, ISO 18000-6C
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range Fixed Reader	Up to 8m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 4m (Reader & Chip Dependent)

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.	IDT.RF.T.RTT.BL (Blank)

APPLICATION AREA

Event Timing Staff Recruitment Triathlon Marathons Amusement PSU's