Ear Trace Tag

Frequency Band uhf
UHF 860 - 960 MHz ETSI/ FCC
Compliant

Chip
Impinj Monza R6 - P

Antenna Dimensions
60mm x x76mm

International Standard
ISO/IEC 18000-6C, EPC Class1 Gen2

Industry Segments
Animal Identification

Innovative UHF RFID ear tag with superior read range.

Our innovative Eartrace® Male Flag is designed to meet rugged environmental conditions in the livestock industry. It offers superior read range through UHF RFID technology and takes ear tags to a new level for convenient and reliable usage.

We are extending our comprehensive product range with the new UHF RFID ear tag with a chip module that is inductively coupled to an embroidered RFID antenna. The innovative tag which compromises following benefits: compared to traditional etched antennas, our wire-made embroidered antenna offers more resistance against fractures or disruption in the antenna structure - effects that would compromise the tag's reliability in its hard day-to-day use. The embroidered antenna wire is affixed to the carrier material - thermoplastic polyurethane (TPU) foil – using the state-of-the-art "Tailored Wire Placement" technique.
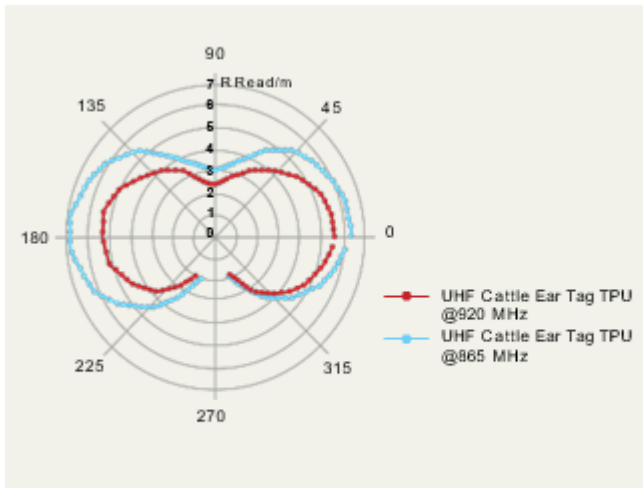
Our Eartrace® Male Flag has a compact hang tag size of 60 x 76 mm with firmly fitted pin and is equipped with Impinj Monza R6-P chip. The integrated circuit comes with an autotune feature, which helps the ear tag product to work at peak efficiency, even in rapidly changing environments. It offers additional add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required. Based on UHF RFID technology the Eartrace® Male Flag's read distance under normal conditions is approximately five meters / 15 feet.

Technical features

Chip	Impinj Monza R6-P	Impinj Monza R6-P
EPC and User Memory	128-bit and 32-bit	
TID Memory	Available for all	
Product Code	876300-03	876301-03
Hard Tag Dimension	60 x 76 mm / 2.36 x 2.99 in	
Thickness	2 mm / 0.08 in	
Housing Material	TPU	
Color	Pink	Yellow
Operating Temperature	-40 °C to 80 °C -40 °F to 176 °F	
Storage Temperature	-40 °C to 80 °C -40 °F to 176 °F (max. 1000h)	
Quantity / Package	1000 pcs / box	
Certificates	IP68 PASS 44 Broadband	

Theoretical Read Range

All graphs are indicative: performance in real life applications may vary.