

UHF MALE PIN



The APK-ID UHF male pin flag is a specially designed tag using the latest in technology and manufacturing processes. UHF male flag having an inductively coupled antenna it delivers an exceptional reading range performance and long-term reliability.

Manufactured from premium quality materials and a high-quality metal tip the tag will pierce the animal's ear efficiently and couple permanently to the female half of the tag. The tags can be custom-Laser printed with any text, barcode, QR code, logos, or numbers.

Features:

- Designed specifically for ear tagging
- The tag is available in two types of frequencies HF (NFC) & UHF and also combination of them
- Compact & lightweight
- The tag is built to withstand harsh environment & Chemical exposure
- UV resistant
- Dust and waterproof
- Excellent retention
- Made from high quality RFID IC
- Also available in various memory and ISO protocols

Applications:

- Livestock identification
- Livestock tracking

Tag Specification Data

	Ultra-High Frequency
ISO Protocol	ISO 18000-63, EPC Class1 Gen2
Operating Frequency	860 - 960 MHz ETSI / FCC compliant
IC Type	Impinj, NXP, Alien
Memory	EPC : 96-bit / 128-bit TID : 64 bit /96 bit
Data Retention	Up to 50 years
Programming Cycle	Up to 100,000 cycles
Material	TPU, Metal tip
Dimension	80 X 60 mm
Weight	Approx. 9.0g

Environmental Test Data

Ingress Protection	IP67
Storage Temperature	-30°C to +80°C
Operating Temperature	-30°C to +80°C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Good
Chemical Resistance	Highly resistive to Washing agents, Ethanol, Detergents, Oils and greases.

Data Sheet

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