

# PANEL TAG



The APK Identification panel tag is a specially designed tag using the latest in technology and manufacturing processes. Our panel tag have multiple combination tag. Please see page 2 of 2. UHF E-unit having an inductively coupled antenna it delivers an exceptional reading range performance and long-term reliability. Manufactured from premium quality materials. The tag will pierce the animal's ear efficiently and couple permanently to the female half of the tag.

**Features:**

- Designed specifically for animals ear tagging
- Compact & lightweight
- The tag is built to withstand harsh environments & Chemical exposure
- UV Resistant, Dust and Waterproof
- Metal Tip
- Excellent retention
- Made from high quality RFID IC
- Also available in various memory and ISO protocols

**Applications:**

- Livestock tracking and identification

**Tag Specification Data**

	Low Frequency	High Frequency	Ultra High Frequency
ISO Protocol	ISO 18000-2	ISO/IEC 15693 & ISO/IEC 18000-3	ISO 18000-63
Operating Frequency	125kHz/134.2kHz	13.56 MHz	860 - 960 MHz ETSI / FCC compliant
IC Type	NXP, Silicon craft, Atmel, EM, Texas Instruments	NXP	Impinj, Alien
Memory	IC dependent	IC dependent	IC dependent
Data Retention	Up to 10 years	Up to 10 years	Up to 50 years
Programming Cycle	Up to 100,000 cycles	Up to 100,000 cycles	Up to 100,000 cycles
Material	Special Thermoplastic	Special Thermoplastic	Special Thermoplastic
Dimension Available	UHF Male Flag (80x60mm) with various combination- Please see page 2 of 2		
Printing Type	Laser Engraved: Barcode, QR code, numbers, letters and others as per requirements		
Colour	Yellow, green, white, pink & customize		

**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 water, Washing agents, Ethanol, Detergents, Oils and greases.

**APK Identification,**  
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**UHF Male Flag with Visual Female Button (30mm)**



**UHF Male Flag with Visual Female flag (80x60mm)**



**UHF Male Flag with LF Female Button 30mm (HDX/FDX)**



**UHF Male Flag with LF Female Flag 86x60mm (HDX/FDX)**



Description	Part Number
UHF Male Flag with Visual Female Button	378C907 - (Colour)
UHF Male Flag with Visual Female Flag	378C908 - (Colour)
UHF Male Flag with LF Female Button (HDX)	378C909 - (Colour)
UHF Male Flag with LF Female Button (FDX)	378C910 - (Colour)
UHF Male Flag with LF Female Flag (HDX)	378C911 - (Colour)
UHF Male Flag with LF Female Flag (FDX)	378C912 - (Colour)

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