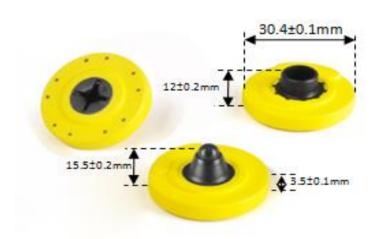# LF Cattle Ear Tag

Product Code: L4X224A

Cattle Ear Tag is ideal for identification, tracking and health, history & nutrition management of cattle. It can be reusable or temper-proof depending on application. It is available with different chips and memory sizes including FDX and HDX animal mode and can be made in custom colours.

Tag Dimensions

Electrical Specifications

Air Interface Protocol	ISO/IEC 11784/85, Animal Mode, FDX, HDX
Operational Frequency	134.2KHz
Chip**	SIC 7999 HDX
	R/W user data memory of 6x32 (192 bits) for database management
	192 Bits, Extended Read Range HDX ❖ Supporting user access to factory unique ROM (UID), preventing chips from cloning ❖ Direct Access/Write mode ❖ Read-only Animal ID section when no command received Read/Write or OTP configuration
Read Range*	80 cm on Agrident Reader
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +120°C
Ingress protection rating	IP67
Attachment***	Male pin by applicator
Expected Lifetime	Up to 5 Years is normal operating conditions
Operating temperature	-40°C to +80°C

Physical and Mechanical Specification

Model	Close Cap	Open Cap
Diameter	Ø30.4 mm	Ø30.4 mm
Height	15.50 mm	12 mm
Weight	7.2 gm	7 gm
Encasement	TPU	
Quality Assurance	100% reader tested	
Colour**	Yellow	

Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours
Resistant to continuous exposure to motor oil for 2 hours
Additionally, abrasion resistant against HCL and IPA

Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

Order Information

L46224A	With SIC 7999 HDX, Open Cap
L462131	With EM 4305 chip, Open Cap
L462055	With HitagS 256, Open Cap
L462219	With Hitag Micro, Open Cap
L47224A	With SIC 7999 HDX, Close Cap
L472131	With EM 4305 chip, Close Cap
L472055	With HitagS 256, Close Cap
L472219	With Hitag Micro, Close Cap

*	Actual read range may vary depending upon the reader
**	Other on request
***	Available as an option at extra cost