

LF Animal E-Coil Tag

Product Code: L4X224A

The LF Animal E-coil Tag is ideal for identification, tracking and health, history & nutrition management of cattle. It is available with different chips and memory sizes including FDX and HDX animal mode.



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 <ul style="list-style-type: none">❖ 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	N/A
Expected Lifetime	Up to 5 Years in normal operating conditions
Operating temperature	-40°C to +80°C

Physical and Mechanical Specification

Diameter	Ø25.70 mm (max OD)	Ø16 mm (ID)
Height	1.60 mm (w/o chip)	2.70 mm (with chip bump)
Weight	1 gm	
Encasement	N/A	
Quality Assurance	100% reader tested	
Color**	Gold	

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
L462131	With EM 4305 chip
L462055	With HitagS 256
L462219	With Hitag Micro
L47224A	With SIC 7999 HDX
L472131	With EM 4305 chip
L472055	With HitagS 256
L472219	With Hitag Micro

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

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