

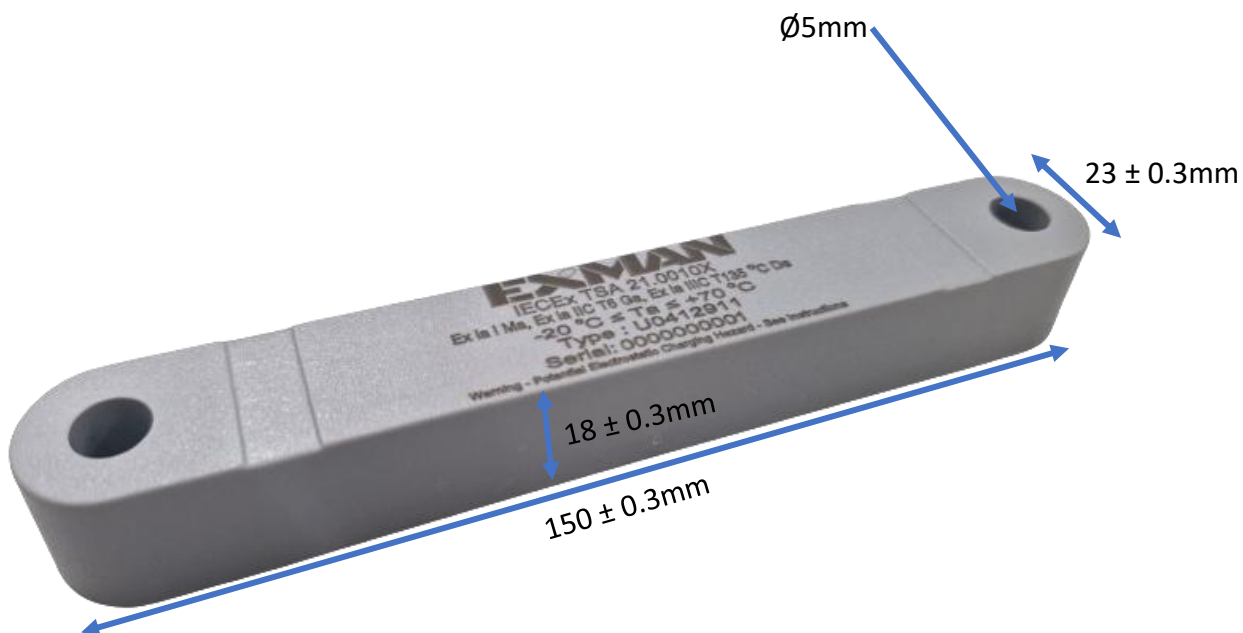
## UHF Innova Tag

Product Code: U0412911

Innova Tag is a UHF Gen 2 long-range passive tag. It is ideal for deployment in rugged and harsh environments, and it gives excellent performance on metallic objects & plastic.



### Tag Dimensions



## **Electrical Specifications**

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	865 – 868 MHz or 902 – 928 MHz
Chip	Alien Higgs-3
Memory Configuration	EPC-96 bits, extendible to 480 bits
	64 Bit Unique TID
	User memory – 512 bits
	Access password – 32 bits
	Kill password – 32 bits
Product Code and Read Range*	U0412911
	Up to 15.0 m on Fixed Reader with Linear Antenna
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP67
Attachment***	Riveting/Screws/Magnetic/Adhesive
Applicable surface	Metal

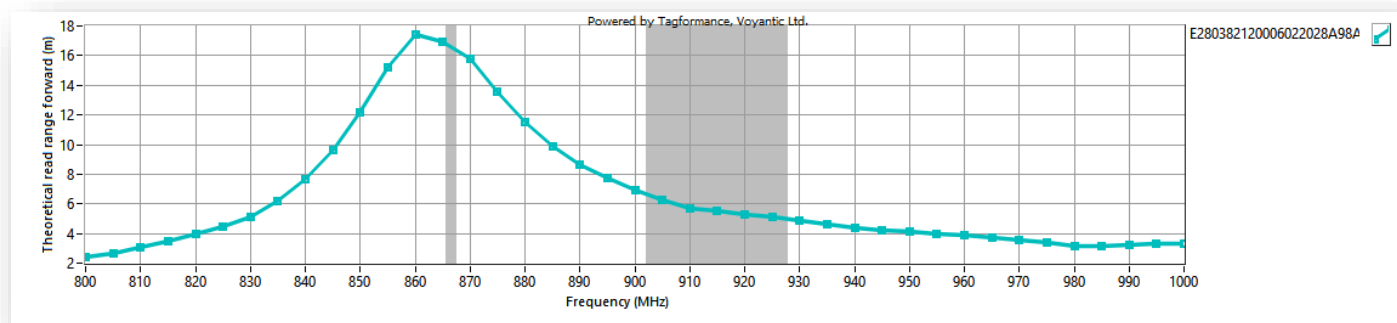
## **Physical and Mechanical Specification**

Dimensions	150 x 23 x 18 ± 0.3 mm
Hole Diameter (Bottom Side)	5.0 mm
Colour**	Grey
Weight	35 g
Encasement	ABS High Impact / PC

## **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

## Linear Frequency Graph



## Additional Services

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

## Order Information

U0412911-EU	Alien higgs-3 chip tuned at ETSI frequency
U0412911-US	Alien higgs-3 chip tuned at US frequency

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

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