

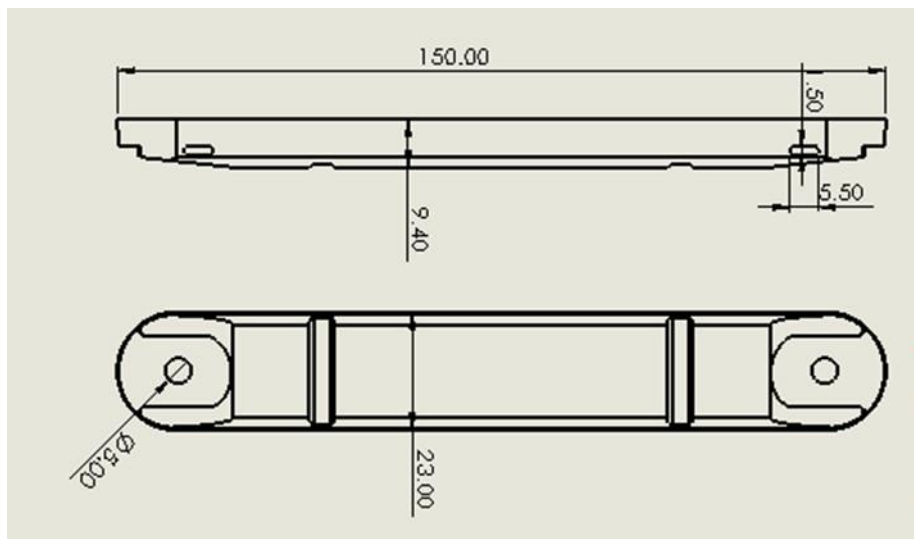
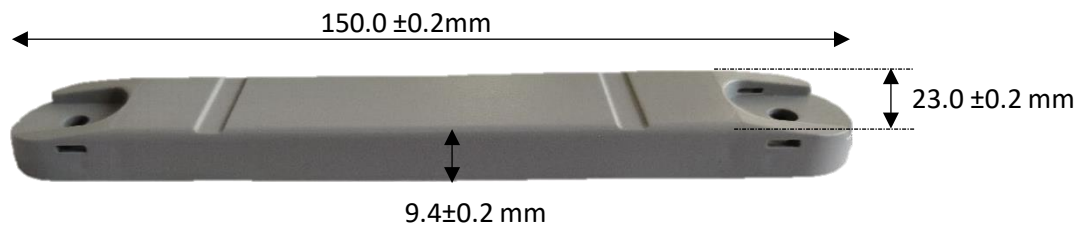
UHF Ultima Tag

Product Code: U8912622X

Ultima Tag is a UHF Gen2 long range passive tag. It has five different kinds of attachment methods that makes it unique. It is ideal for deployment in rugged and harsh environments, and it gives excellent performance on metallic objects.



Tag Dimensions



Electrical Specifications

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2		
Operational Frequency	865 – 868 MHz or 902 – 928 MHz		
Chip	Imping Monza 730/ Alien Higgs 3		
Memory Configuration	EPC-128 bits. / EPC- 96 bit extensible up to 480 bits		
	96 bits of Serialized TID with 48-bit serial number / 96-bit TID		
	User memory – 0 bits / 512 bits user memory		
Product Code	On Metal- U8912622M	Free Air- U8912622F	All Surface - U8912622A
Read Range*	Up to 14 meters on fixed reader with linear antenna	Up to 14 meters on fixed reader with linear antenna	Up to 14 meters 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/Screwed/with Magnet/Adhesive Tape /Cable Tie		
Applicable surface	Metal		

Physical and Mechanical Specification

Dimensions	150 x 23 x 9.4 ± 0.2 mm
Hole Dia	5.0mm
Colour**	Grey
Weight	For On Metal Tag -28 g Max./ For Free Air and All Surface Tag – 18 g Max.
Encasement	ABS High Impact / PC

Chemical Resistance

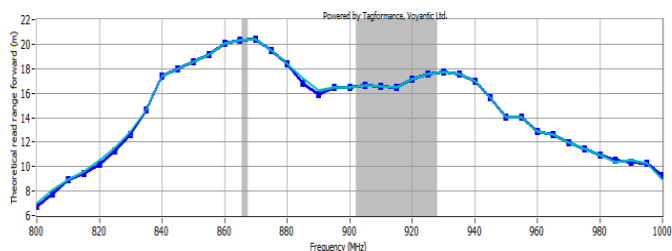
Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

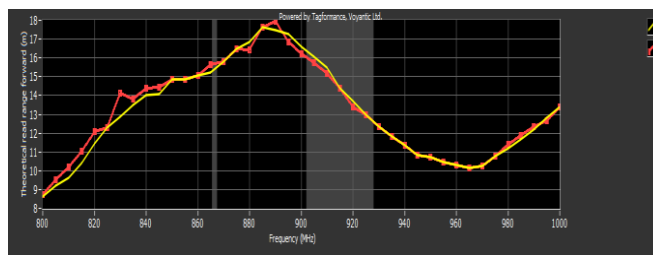
Additionally, abrasion resistant against HCL and IPA

Linear Frequency Graph

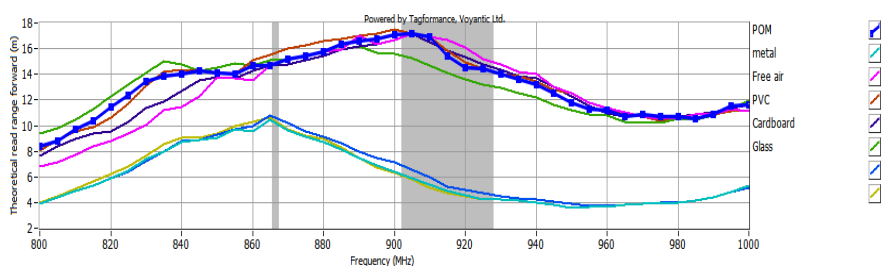
On Metal



Free Air



All Surface



Additional Services

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

Order Information

U8912622M-EU/ U8912622M-US	With Monza M730 Tuned at ETSI Frequency/FCC Frequency (On Metal)
U8911510M-EU/ U8911510M-US	With Higgs 3 Chip Tuned at ETSI frequency/FCC Frequency (On Metal)
U8912622F-EU/ U8912622F-US	With Monza M730 Tuned at ETSI Frequency/FCC Frequency (Free Air)
U891XX10F-EU/ U891XX10F-US	With Higgs 3 Chip Tuned at ETSI frequency/FCC Frequency (Free Air)
U8912622A-EU/ U8912622A-US	With Monza M730 Tuned at ETSI Frequency/FCC Frequency (All Surface)
U891XX10A-EU/ U891XX10A-US	With Higgs 3 Chip Tuned at ETSI frequency/FCC Frequency (All Surface)

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

Omnia Technologies Pvt. Ltd.

Corporate Office

Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124)4366174, 4366411, +91(124)4366410 (Fax)