

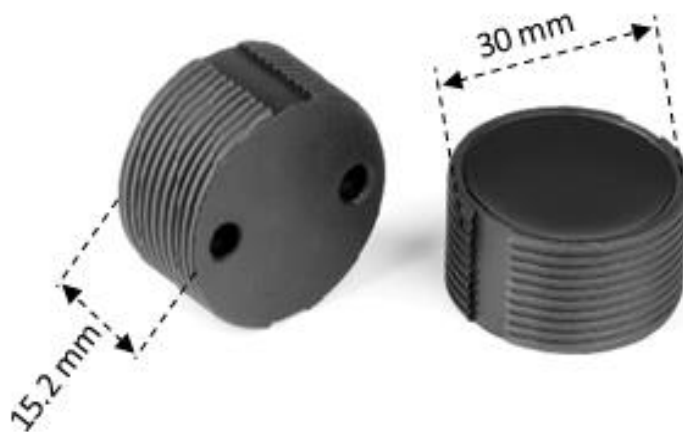
UHF WasteBin Tag

Product Code: U2421310

Waste Bin Tag is developed with a rugged plastic housing to protect it from chain, dirt and other environment conditions. This makes it ideal for waste management solutions. It is available with different Chips and memory sizes.



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 480bits
	TID – 96 bits unalterable unique
	User memory – 512 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	Off metal – 2.5 m on fixed reader with linear antenna
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Self-Thread
Applicable surface	Plastic / Wooden

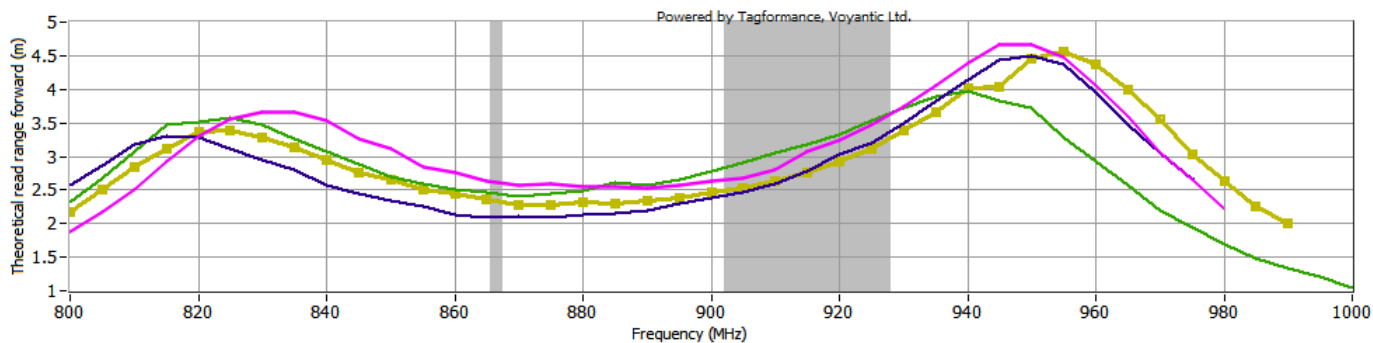
Physical and Mechanical Specification

Diameter	Ø 30 ± 0.2 mm
Height	15.2 ± 0.2 mm
Weight	9.2 gm
Encasement	Nylon (PA6)
Colour	Black
Quality Assurance	100% reader tested

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

U2421310-EU	Alien higgs-3 chip tuned at ETSI frequency
U2421310-US	Alien higgs-3 chip tuned at US frequency
U2421312-EU	Alien higgs-4 chip tuned at ETSI frequency
U2421312-US	Alien higgs-4 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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