

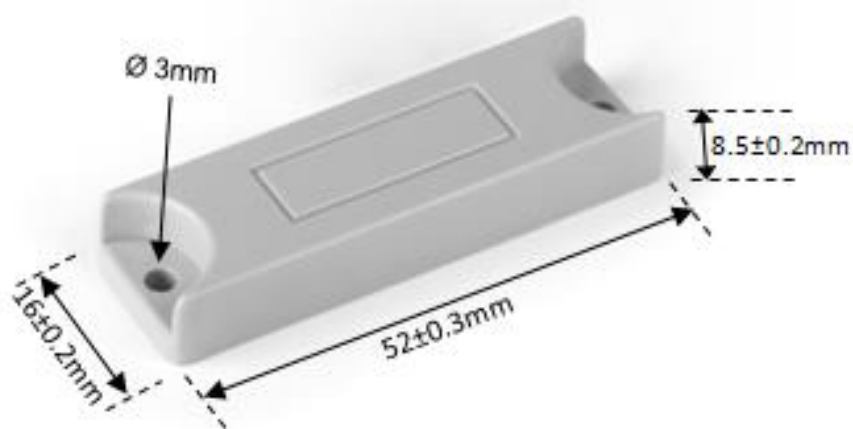
UHF Micro Tag

Product Code: U5421211

IT Asset tag is a UHF Gen2 long range, small sized passive tag. It is ideal for asset tracking and 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**	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*	U3410510M	On metal – Up to 6 m on fixed reader with linear Antenna
	U3410510F	Off Metal-Up to 6 m on fixed reader with linear Antenna
	U3410510O	Overmolded - Up to 6 m on fixed reader with linear Antenna
Operating temperature	-40°C to +60°C	
Storage temperature	-40°C to +60°C	
Ingress protection rating	IP67/IP68	
Attachment***	Riveting/Screw/Magnetic/Adhesive	
Applicable surface	Metal/Off Metal	

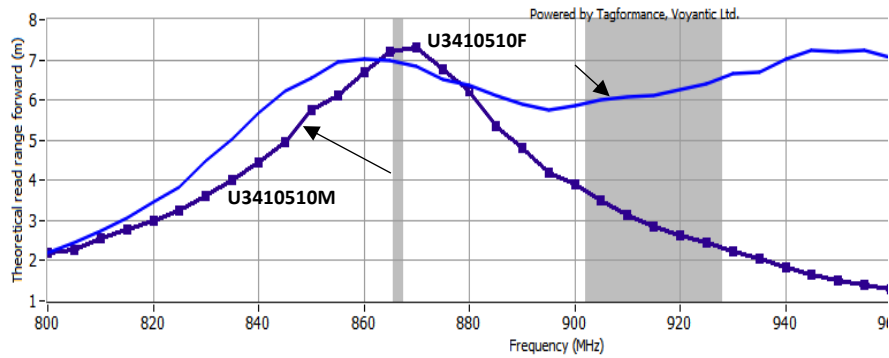
Physical and Mechanical Specification

Dimensions	52 x 16 x 8.5 ± 0.2 mm	
Colour**	Grey	
Weight	5 g	
Encasement	PC / ABS High Impact	
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

U3410510M-EU/ U3410510M-US	For on metal with Alien higgs-3 chip tuned at ETSI /FCC(US) frequency
U3410510F-EU /U3410510F-US	For off metal with Alien higgs-3 chip tuned at ETSI /FCC(US) frequency
U3410510O-EU /U3410510O-US	For on metal (IP68) with Alien higgs-3 chip tuned at ETSI /FCC(US) frequency
U3410512M-EU/U3410512M-US	For on metal with Alien higgs-4 chip tuned at ETSI /FCC(US) frequency
U3410512F-EU/U3410512F-US	For off metal with Alien higgs-4 chip tuned at ETSI /FCC(US) frequency
U3410512O-EU/U3410512O-US	For on metal (IP68) with Alien higgs-4 chip tuned at ETSI /FCC(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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