



Manufacturer of RFID tags

DATASHEET

UHF Mini Asset Tag

Tag Code: U2932710

Mini Asset tag is the UHF Gen2 long range passive tag. It is very suitable for IT asset tracking and other non metallic assets also where the conditions are not harsh.



Electrical Specification

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
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	On metal – Up to 5 m
	Off metal – Up to 1 m

Physical / Mechanical Specification

Dimensions	48 x 38 x 4.3 ± 0.2 mm
Colour	White
Weight	6.25 g
Encasement	HIPS (High impact plastic sheet)
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-25°C to +75°C
Storage temperature	-25°C to +75°C
Ingress protection rating	IP54
Attachment***	Self Adhesive
Applicable surface	Metallic & Plastic objects

Dimensions



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

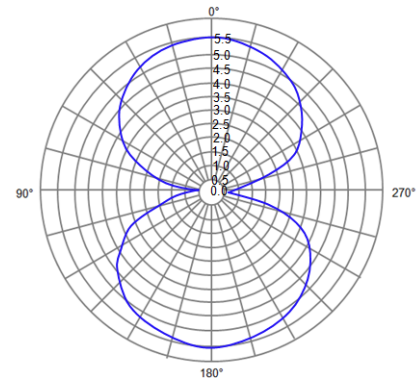
* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

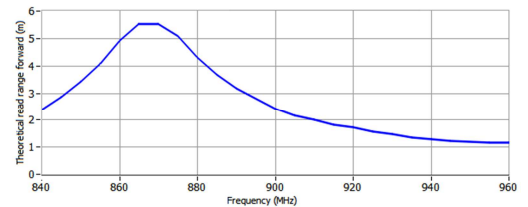
Radiation Pattern Graph

(Orientation v/s Read Range)



Linear Frequency Graph

(Frequency v/s Read Range)



Order Information

Part No.	Description
U2932710-EU	Alien higgs-3 chip tuned at ETSI frequency
U2932710-US	Alien higgs-3 chip tuned at US frequency
U2932712-EU	Alien higgs-4 chip tuned at ETSI frequency
U2932712-US	Alien higgs-4 chip tuned at US frequency

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